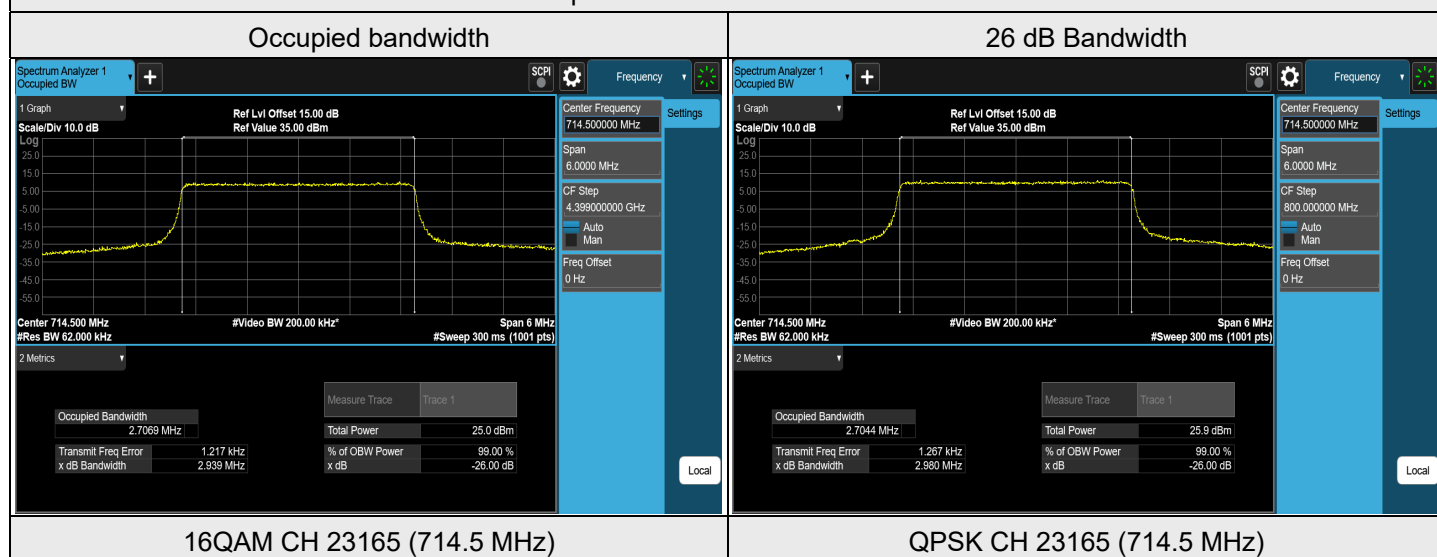


LTE Band 12, Channel Bandwidth: 3 MHz

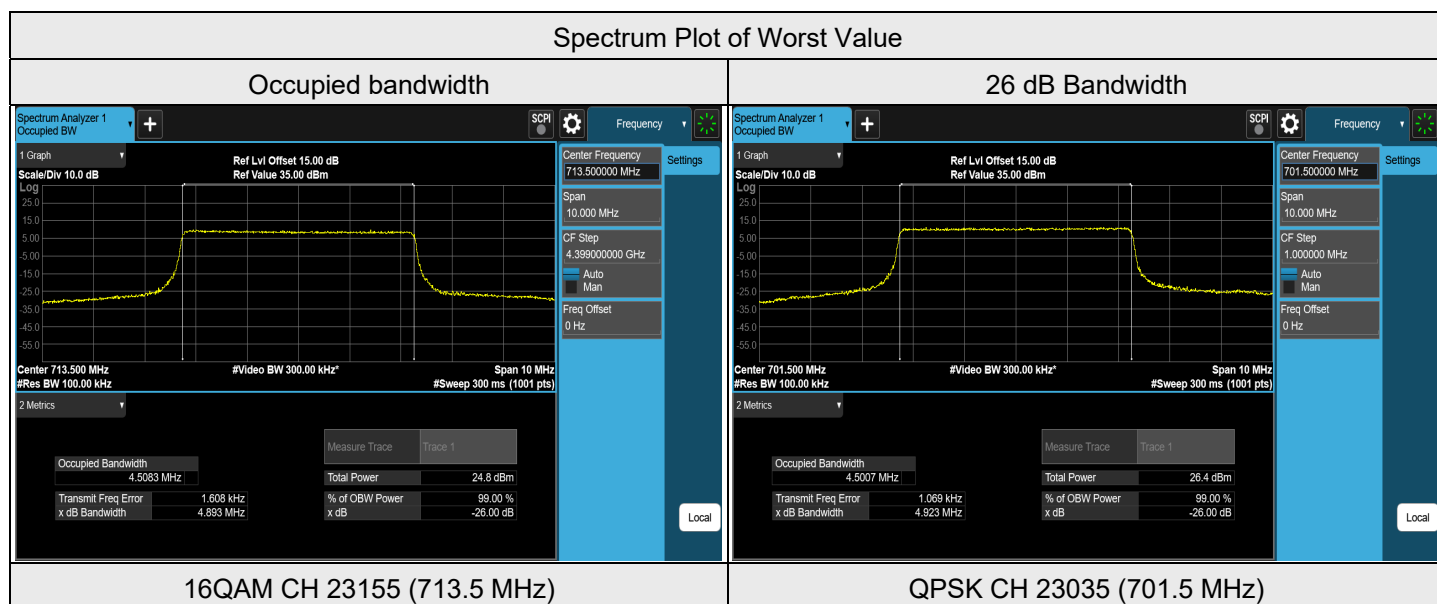
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23025	700.5	2.7031	2.951
QPSK	23095	707.5	2.6975	2.952
QPSK	23165	714.5	2.7044	2.980
16QAM	23025	700.5	2.7009	2.954
16QAM	23095	707.5	2.6973	2.937
16QAM	23165	714.5	2.7069	2.939
64QAM	23025	700.5	2.7006	2.943
64QAM	23095	707.5	2.7001	2.925
64QAM	23165	714.5	2.7057	2.959
256QAM	23025	700.5	2.7026	2.949
256QAM	23095	707.5	2.6971	2.957
256QAM	23165	714.5	2.7034	2.952

Spectrum Plot of Worst Value



LTE Band 12, Channel Bandwidth: 5 MHz

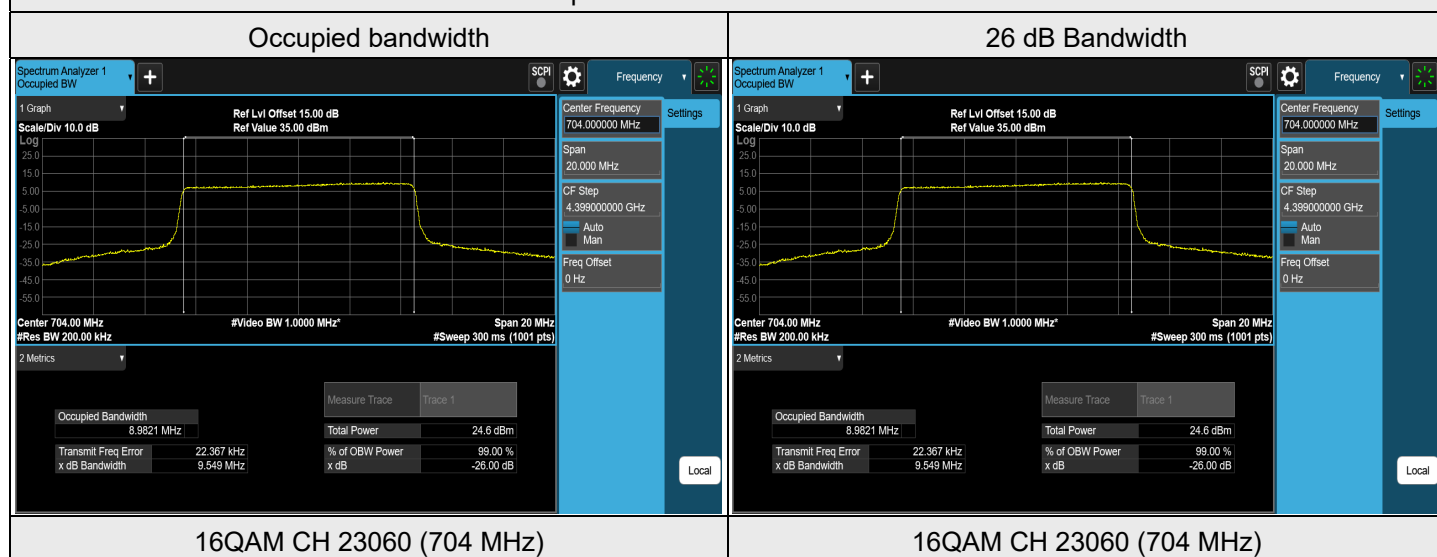
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23035	701.5	4.5007	4.923
QPSK	23095	707.5	4.4876	4.880
QPSK	23155	713.5	4.5041	4.915
16QAM	23035	701.5	4.4998	4.891
16QAM	23095	707.5	4.4810	4.837
16QAM	23155	713.5	4.5083	4.893
64QAM	23035	701.5	4.4962	4.882
64QAM	23095	707.5	4.4793	4.827
64QAM	23155	713.5	4.5056	4.914
256QAM	23035	701.5	4.5044	4.911
256QAM	23095	707.5	4.4849	4.831
256QAM	23155	713.5	4.4982	4.881



LTE Band 12, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23060	704	8.9792	9.542
QPSK	23095	707.5	8.9245	9.520
QPSK	23130	711	8.9721	9.532
16QAM	23060	704	8.9821	9.549
16QAM	23095	707.5	8.9279	9.490
16QAM	23130	711	8.9670	9.548
64QAM	23060	704	8.9720	9.525
64QAM	23095	707.5	8.9276	9.486
64QAM	23130	711	8.9702	9.535
256QAM	23060	704	8.9736	9.546
256QAM	23095	707.5	8.9189	9.479
256QAM	23130	711	8.9688	9.534

Spectrum Plot of Worst Value

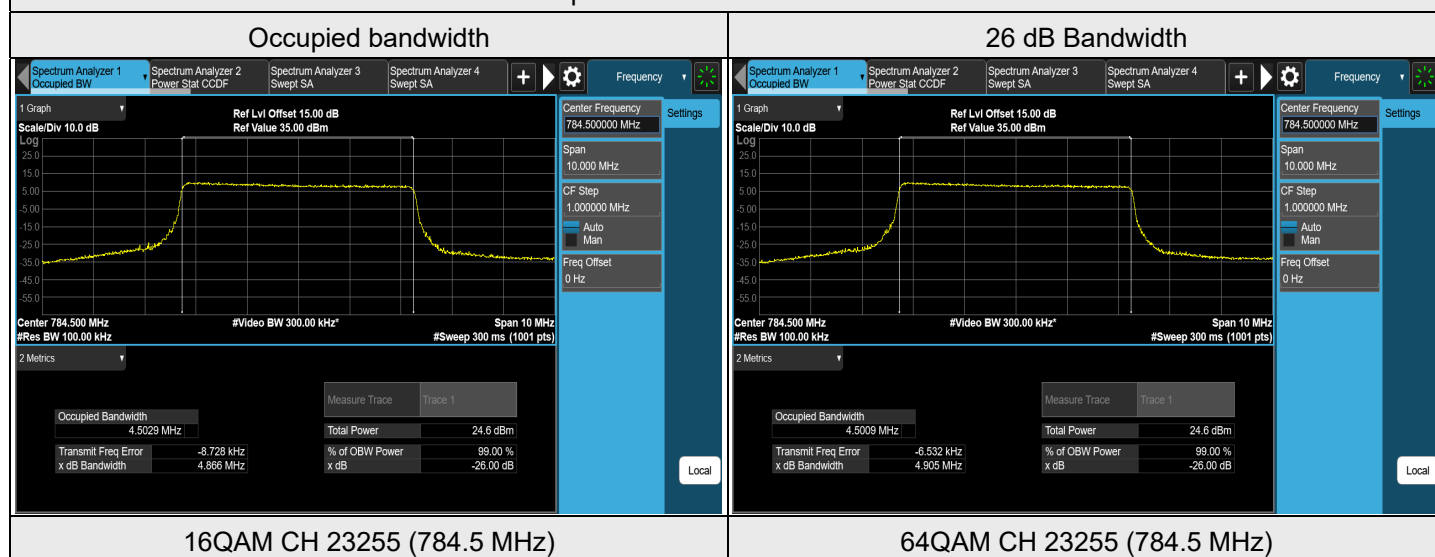


7.4.5 LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

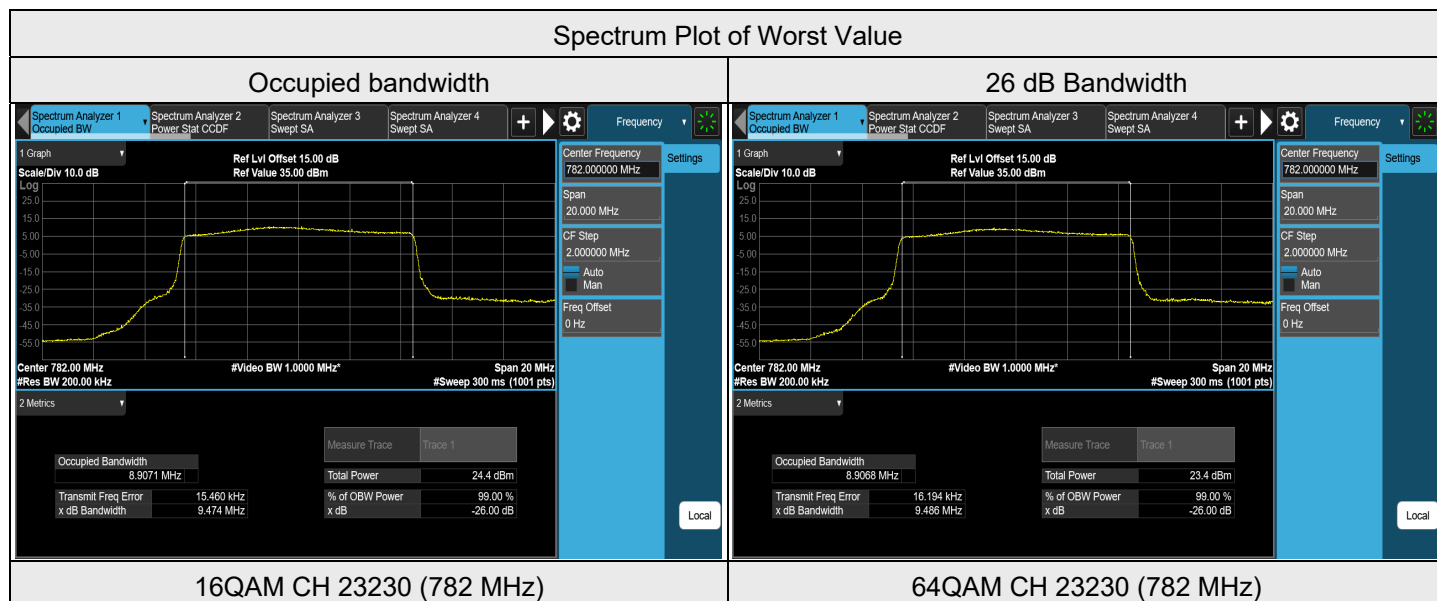
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23205	779.5	4.4898	4.838
QPSK	23230	782	4.4770	4.800
QPSK	23255	784.5	4.4988	4.858
16QAM	23205	779.5	4.4834	4.831
16QAM	23230	782	4.4709	4.819
16QAM	23255	784.5	4.5029	4.866
64QAM	23205	779.5	4.4877	4.816
64QAM	23230	782	4.4705	4.789
64QAM	23255	784.5	4.5009	4.905
256QAM	23205	779.5	4.4863	4.864
256QAM	23230	782	4.4713	4.833
256QAM	23255	784.5	4.5016	4.860

Spectrum Plot of Worst Value



LTE Band 13, Channel Bandwidth: 10 MHz

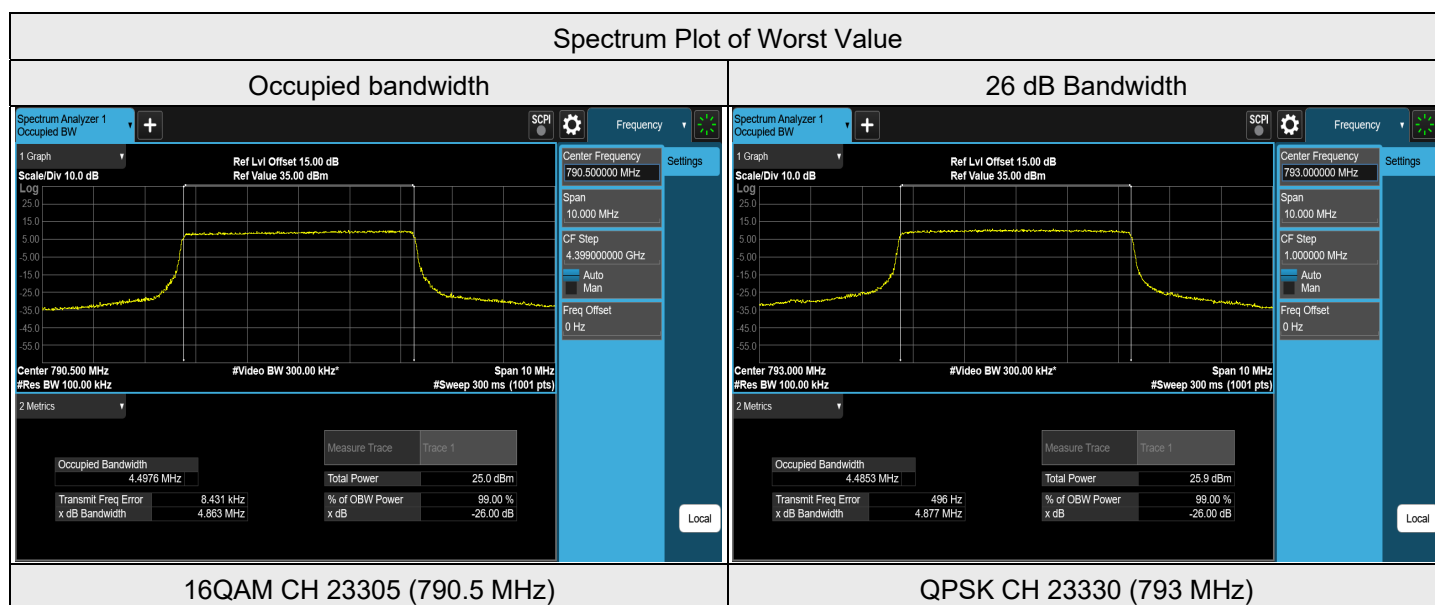
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23230	782	8.9040	9.484
16QAM	23230	782	8.9071	9.474
64QAM	23230	782	8.9068	9.486
256QAM	23230	782	8.9031	9.463



7.4.6 LTE Band 14

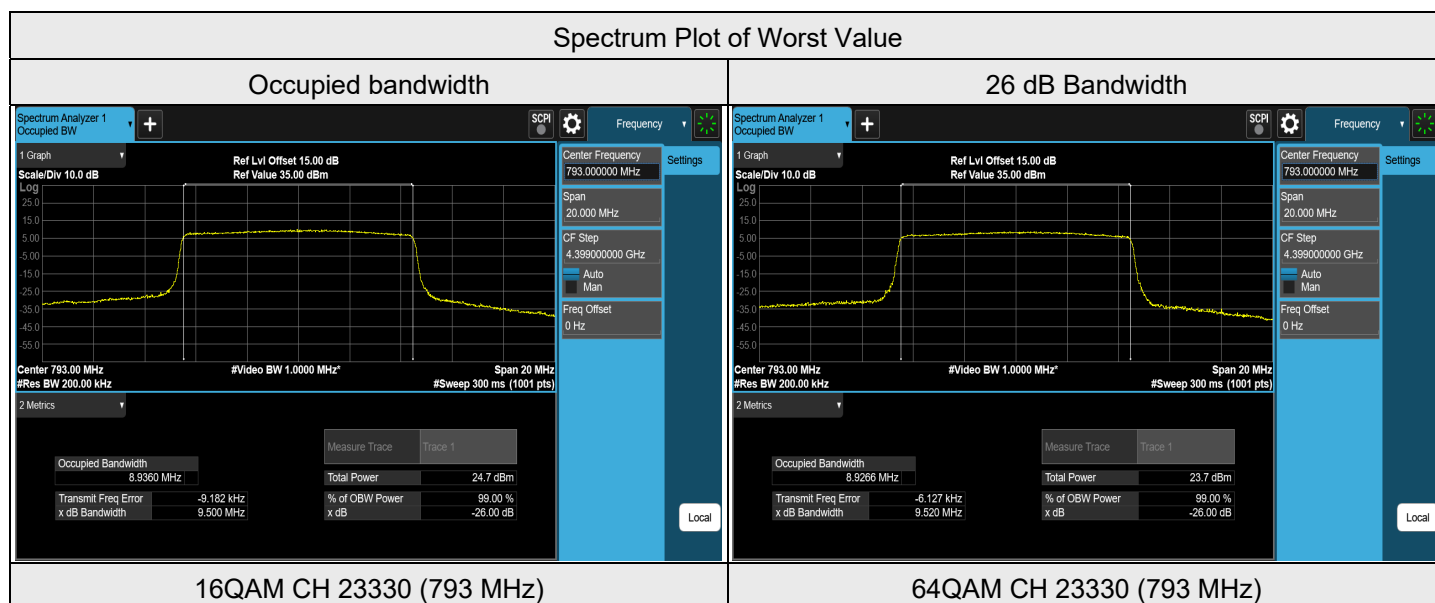
LTE Band 14, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23305	790.5	4.4916	4.842
QPSK	23330	793	4.4853	4.877
QPSK	23355	795.5	4.4831	4.849
16QAM	23305	790.5	4.4976	4.863
16QAM	23330	793	4.4863	4.866
16QAM	23355	795.5	4.4835	4.825
64QAM	23305	790.5	4.4954	4.871
64QAM	23330	793	4.4855	4.851
64QAM	23355	795.5	4.4835	4.832
256QAM	23305	790.5	4.4952	4.845
256QAM	23330	793	4.4864	4.816
256QAM	23355	795.5	4.4854	4.833



LTE Band 14, Channel Bandwidth: 10 MHz

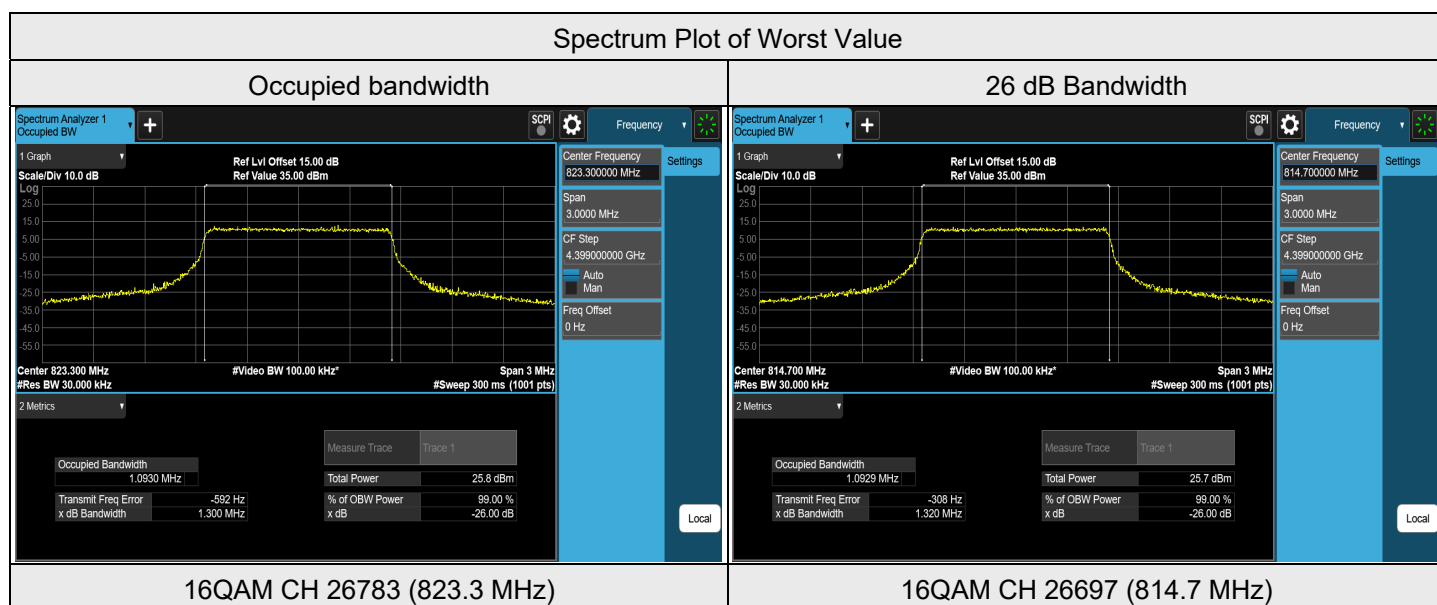
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23330	793	8.9318	9.498
16QAM	23330	793	8.9360	9.500
64QAM	23330	793	8.9266	9.520
256QAM	23330	793	8.9341	9.492



7.4.7 LTE Band 26 (814 MHz ~ 824 MHz)

LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

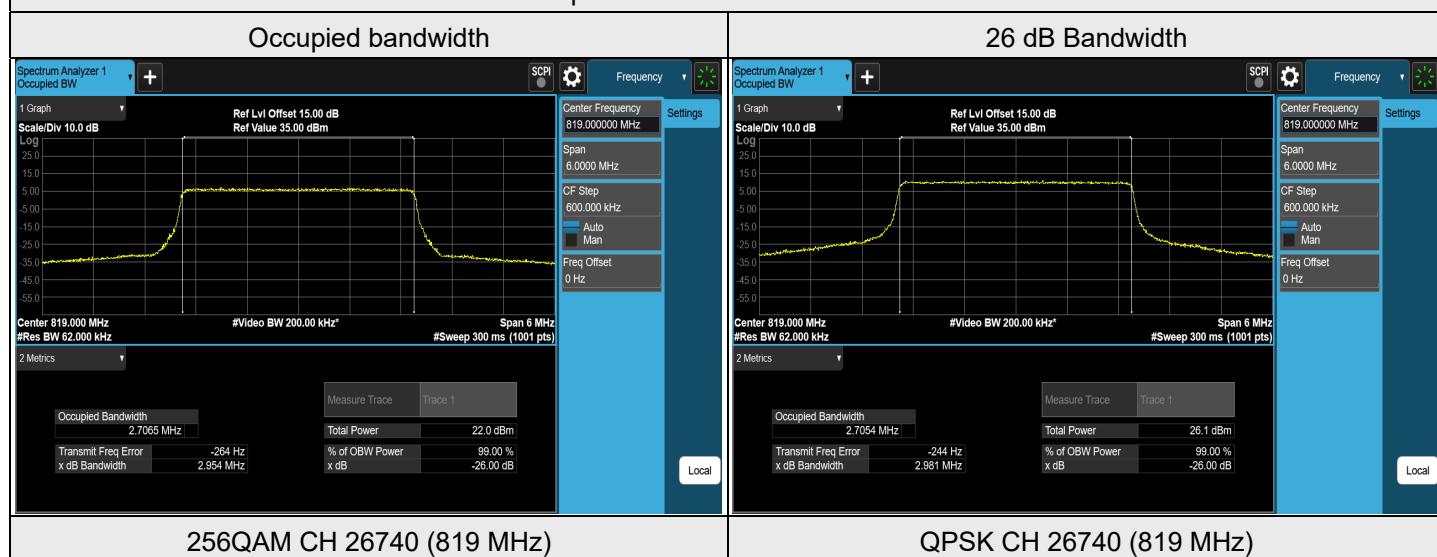
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26697	814.7	1.0905	1.287
QPSK	26740	819	1.0897	1.291
QPSK	26783	823.3	1.0905	1.300
16QAM	26697	814.7	1.0929	1.320
16QAM	26740	819	1.0922	1.314
16QAM	26783	823.3	1.0930	1.300
64QAM	26697	814.7	1.0910	1.313
64QAM	26740	819	1.0914	1.311
64QAM	26783	823.3	1.0918	1.302
256QAM	26697	814.7	1.0909	1.306
256QAM	26740	819	1.0909	1.316
256QAM	26783	823.3	1.0897	1.305



LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

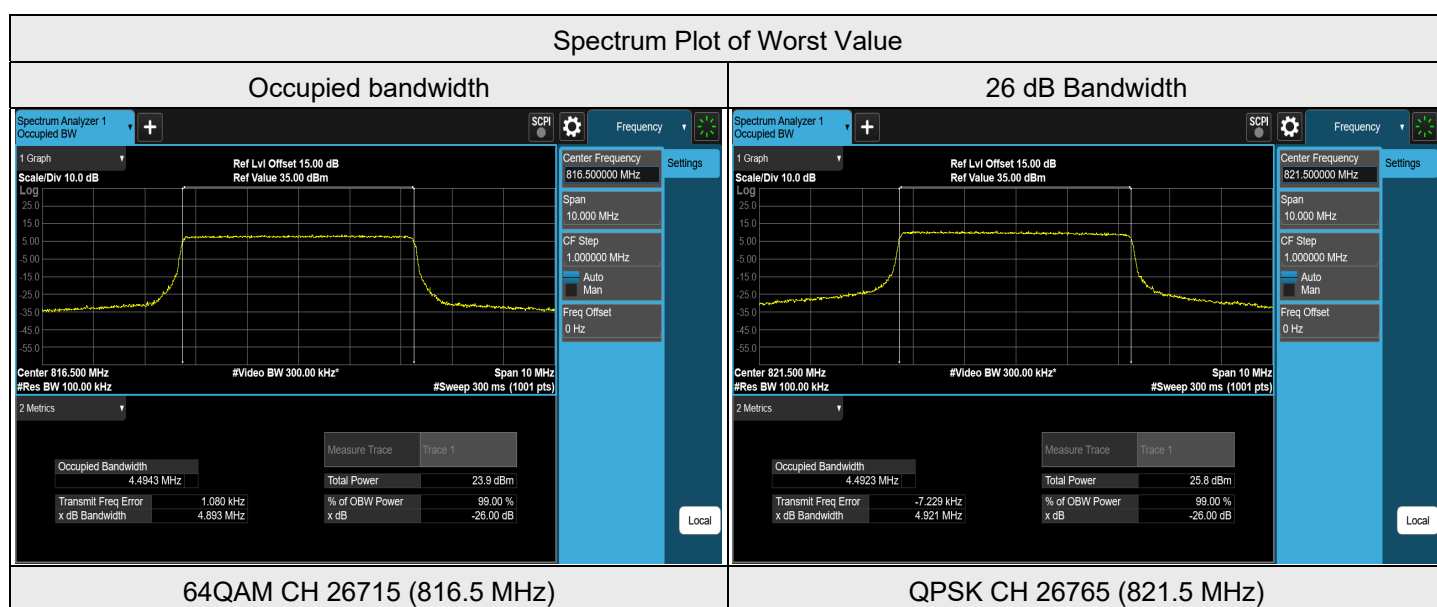
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26705	815.5	2.7025	2.946
QPSK	26740	819	2.7054	2.981
QPSK	26775	822.5	2.6987	2.967
16QAM	26705	815.5	2.7029	2.947
16QAM	26740	819	2.7043	2.952
16QAM	26775	822.5	2.7026	2.967
64QAM	26705	815.5	2.7007	2.977
64QAM	26740	819	2.7002	2.948
64QAM	26775	822.5	2.6984	2.956
256QAM	26705	815.5	2.7018	2.964
256QAM	26740	819	2.7065	2.954
256QAM	26775	822.5	2.7048	2.947

Spectrum Plot of Worst Value



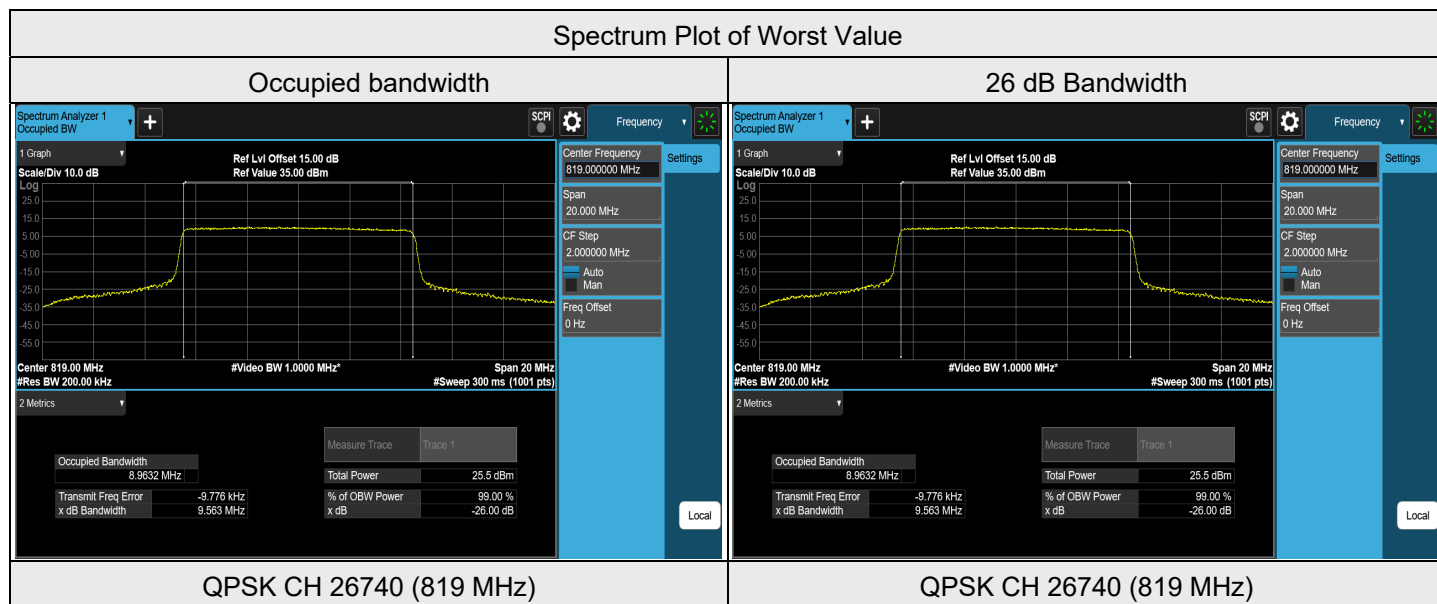
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26715	816.5	4.4923	4.872
QPSK	26740	819	4.4913	4.877
QPSK	26765	821.5	4.4923	4.921
16QAM	26715	816.5	4.4917	4.905
16QAM	26740	819	4.4911	4.883
16QAM	26765	821.5	4.4905	4.885
64QAM	26715	816.5	4.4943	4.893
64QAM	26740	819	4.4899	4.873
64QAM	26765	821.5	4.4905	4.848
256QAM	26715	816.5	4.4941	4.861
256QAM	26740	819	4.4923	4.872
256QAM	26765	821.5	4.4920	4.885



LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

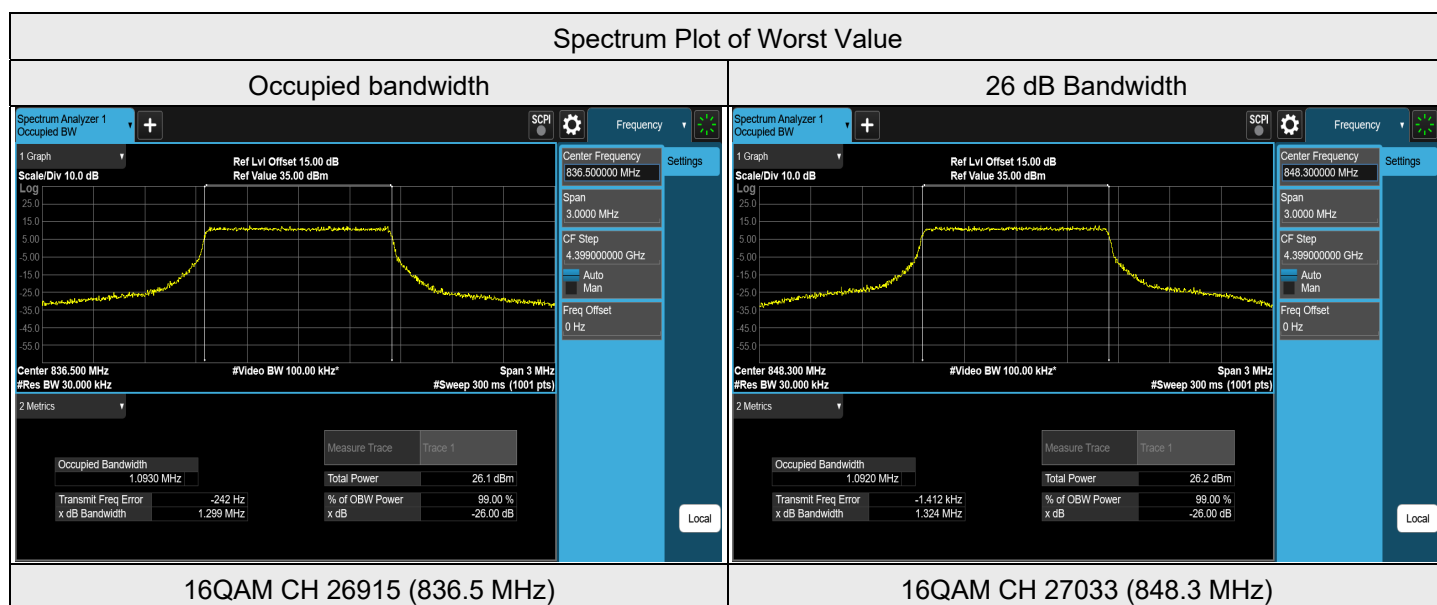
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	8.9632	9.563
16QAM	26740	819	8.9535	9.517
64QAM	26740	819	8.9623	9.534
256QAM	26740	819	8.9575	9.515



7.4.8 LTE Band 26 (824 MHz ~ 849 MHz)

LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

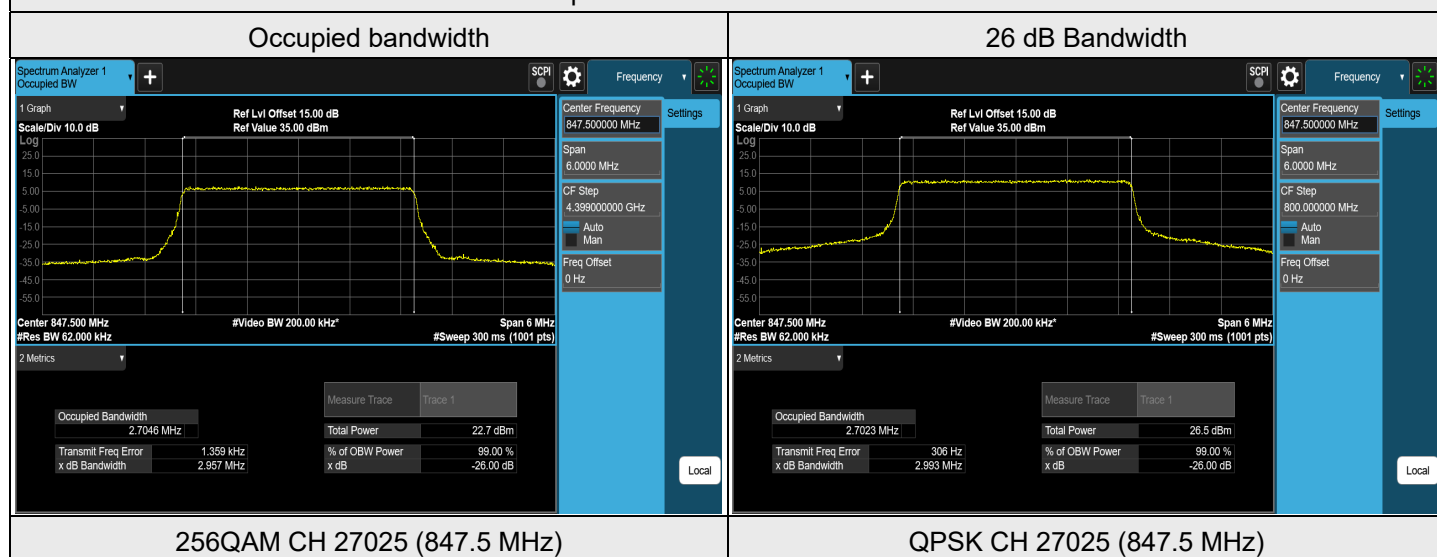
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26797	824.7	1.0928	1.282
QPSK	26915	836.5	1.0910	1.301
QPSK	27033	848.3	1.0898	1.291
16QAM	26797	824.7	1.0920	1.311
16QAM	26915	836.5	1.0930	1.299
16QAM	27033	848.3	1.0920	1.324
64QAM	26797	824.7	1.0896	1.297
64QAM	26915	836.5	1.0909	1.286
64QAM	27033	848.3	1.0902	1.314
256QAM	26797	824.7	1.0900	1.299
256QAM	26915	836.5	1.0911	1.290
256QAM	27033	848.3	1.0896	1.307



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26805	825.5	2.6988	2.953
QPSK	26915	836.5	2.6995	2.961
QPSK	27025	847.5	2.7023	2.993
16QAM	26805	825.5	2.6993	2.951
16QAM	26915	836.5	2.7018	2.971
16QAM	27025	847.5	2.7014	2.957
64QAM	26805	825.5	2.7030	2.943
64QAM	26915	836.5	2.7033	2.979
64QAM	27025	847.5	2.7027	2.958
256QAM	26805	825.5	2.7022	2.958
256QAM	26915	836.5	2.7034	2.942
256QAM	27025	847.5	2.7046	2.957

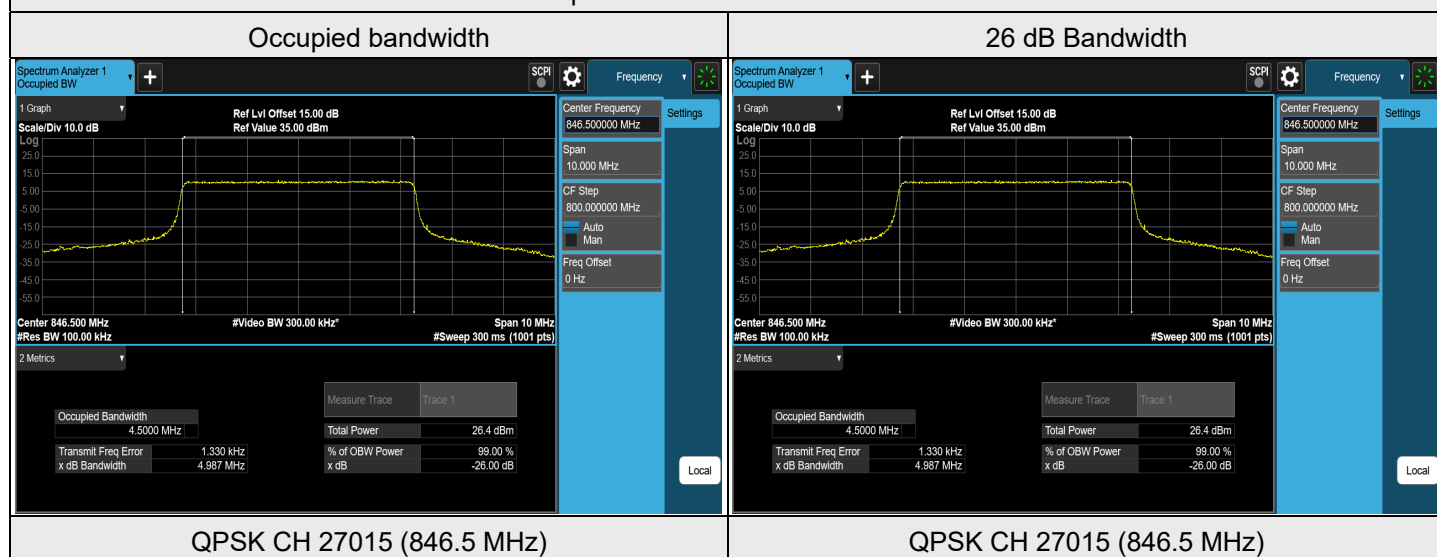
Spectrum Plot of Worst Value



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

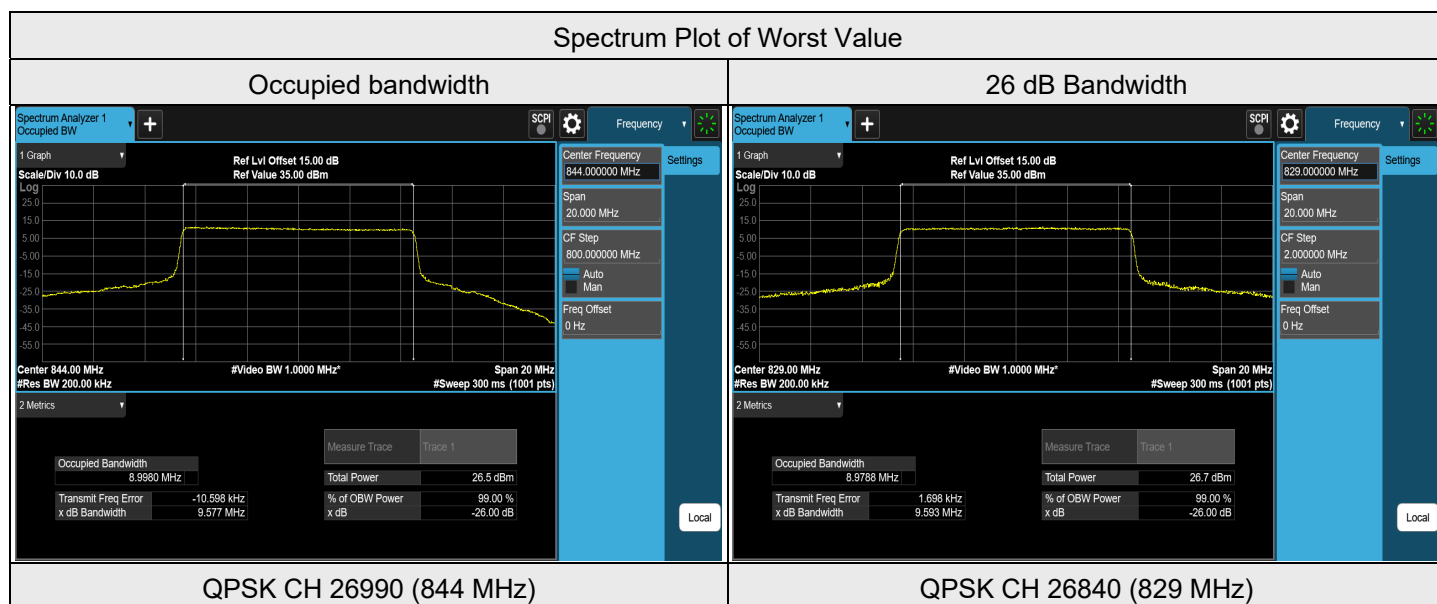
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26815	826.5	4.4956	4.903
QPSK	26915	836.5	4.4919	4.873
QPSK	27015	846.5	4.5000	4.987
16QAM	26815	826.5	4.4980	4.889
16QAM	26915	836.5	4.4884	4.850
16QAM	27015	846.5	4.4979	4.915
64QAM	26815	826.5	4.4940	4.884
64QAM	26915	836.5	4.4901	4.875
64QAM	27015	846.5	4.4966	4.913
256QAM	26815	826.5	4.4917	4.873
256QAM	26915	836.5	4.4894	4.869
256QAM	27015	846.5	4.4992	4.865

Spectrum Plot of Worst Value



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

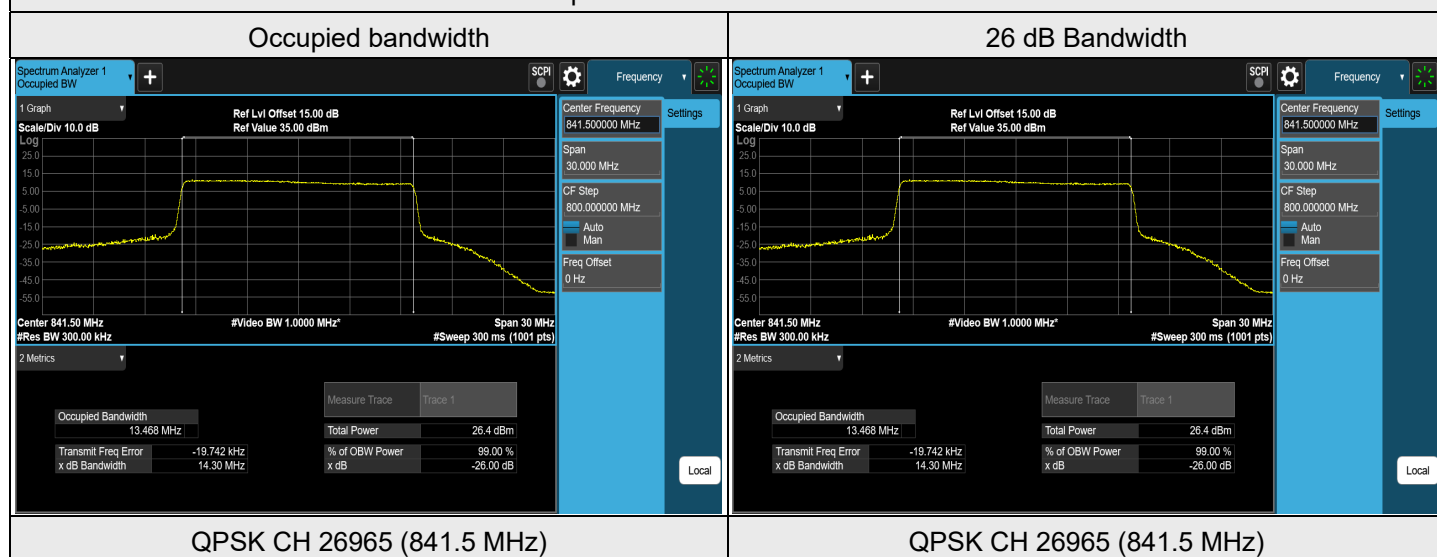
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26840	829	8.9788	9.593
QPSK	26915	836.5	8.9594	9.562
QPSK	26990	844	8.9980	9.577
16QAM	26840	829	8.9771	9.556
16QAM	26915	836.5	8.9603	9.560
16QAM	26990	844	8.9906	9.564
64QAM	26840	829	8.9805	9.553
64QAM	26915	836.5	8.9621	9.516
64QAM	26990	844	8.9915	9.553
256QAM	26840	829	8.9773	9.566
256QAM	26915	836.5	8.9632	9.524
256QAM	26990	844	8.9853	9.563



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26865	831.5	13.464	14.26
QPSK	26915	836.5	13.434	14.25
QPSK	26965	841.5	13.468	14.30
16QAM	26865	831.5	13.461	14.26
16QAM	26915	836.5	13.433	14.24
16QAM	26965	841.5	13.455	14.27
64QAM	26865	831.5	13.459	14.25
64QAM	26915	836.5	13.427	14.25
64QAM	26965	841.5	13.466	14.25
256QAM	26865	831.5	13.461	14.28
256QAM	26915	836.5	13.434	14.24
256QAM	26965	841.5	13.456	14.26

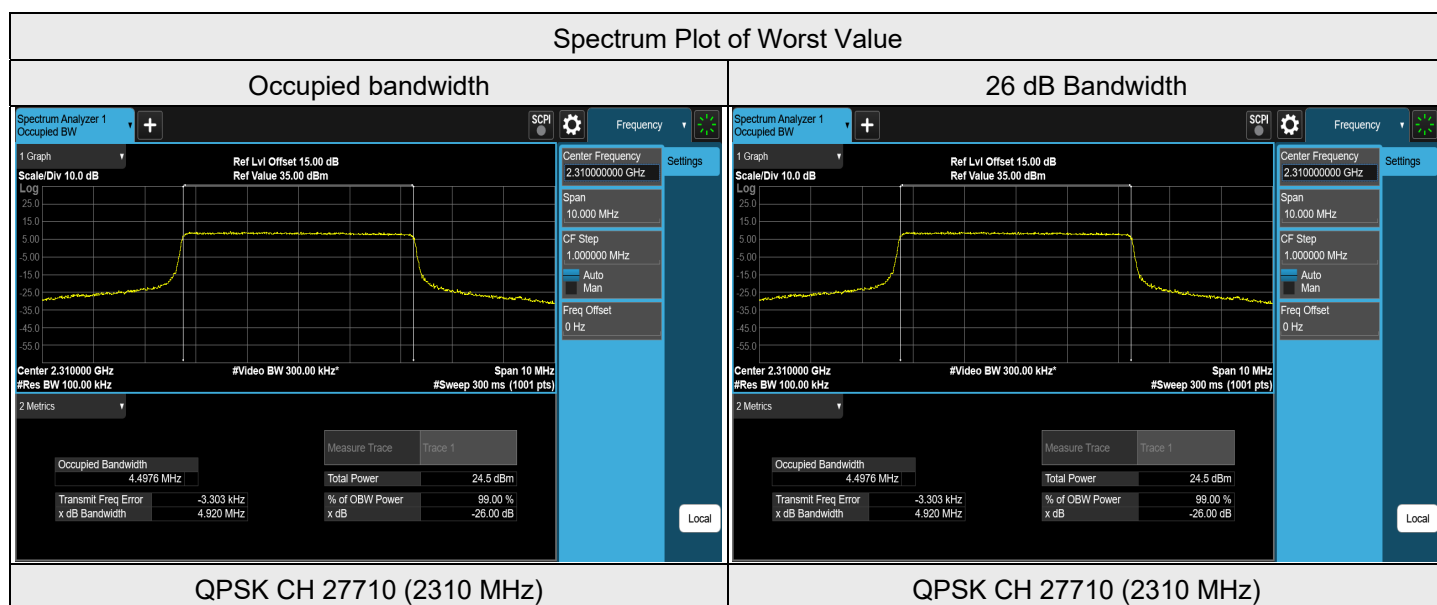
Spectrum Plot of Worst Value



7.4.9 LTE Band 30

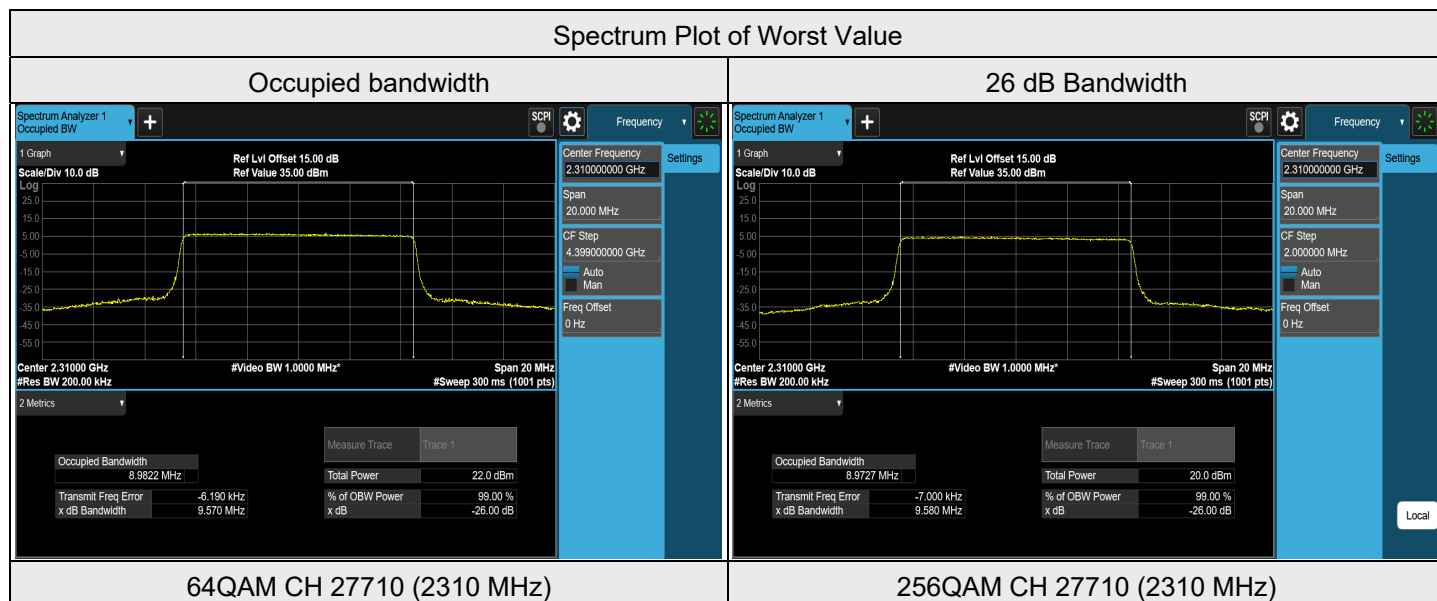
LTE Band 30, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	27685	2307.5	4.4907	4.682
QPSK	27710	2310	4.4976	4.920
QPSK	27735	2312.5	4.4951	4.910
16QAM	27685	2307.5	4.4961	4.891
16QAM	27710	2310	4.4963	4.880
16QAM	27735	2312.5	4.4927	4.898
64QAM	27685	2307.5	4.4926	4.866
64QAM	27710	2310	4.4961	4.905
64QAM	27735	2312.5	4.4953	4.875
256QAM	27685	2307.5	4.4926	4.892
256QAM	27710	2310	4.4943	4.885
256QAM	27735	2312.5	4.4963	4.864



LTE Band 30, Channel Bandwidth: 10 MHz

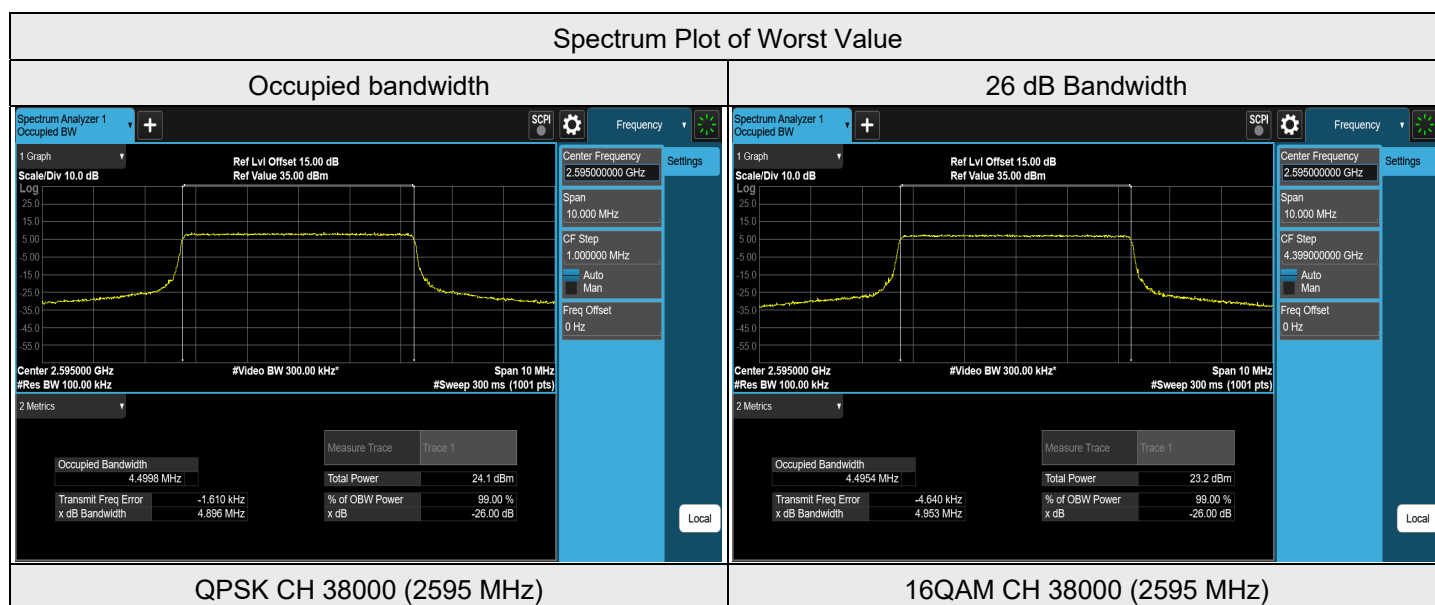
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	27710	2310	8.9759	9.546
16QAM	27710	2310	8.9733	9.560
64QAM	27710	2310	8.9822	9.570
256QAM	27710	2310	8.9727	9.580



7.4.10 LTE Band 38

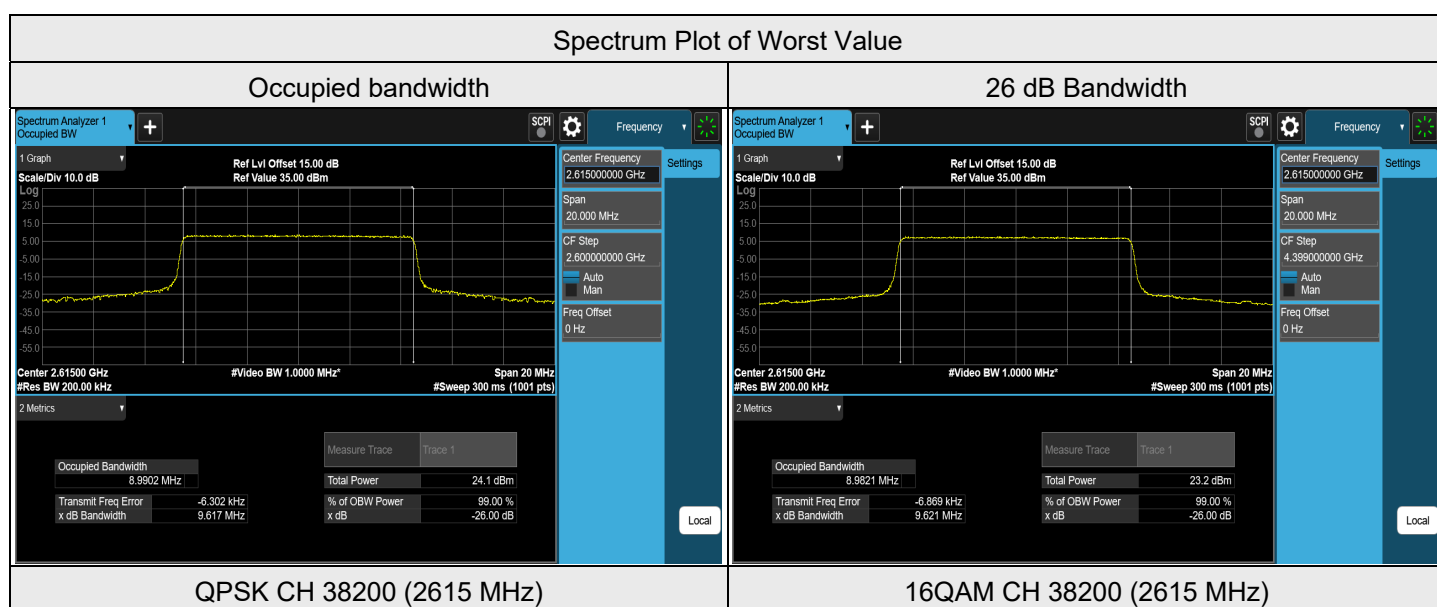
LTE Band 38, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37775	2572.5	4.4972	4.903
QPSK	38000	2595	4.4998	4.896
QPSK	38225	2617.5	4.4966	4.931
16QAM	37775	2572.5	4.4924	4.876
16QAM	38000	2595	4.4954	4.953
16QAM	38225	2617.5	4.4987	4.905
64QAM	37775	2572.5	4.4912	4.829
64QAM	38000	2595	4.4997	4.891
64QAM	38225	2617.5	4.4963	4.914
256QAM	37775	2572.5	4.4915	4.881
256QAM	38000	2595	4.4948	4.861
256QAM	38225	2617.5	4.4967	4.909



LTE Band 38, Channel Bandwidth: 10 MHz

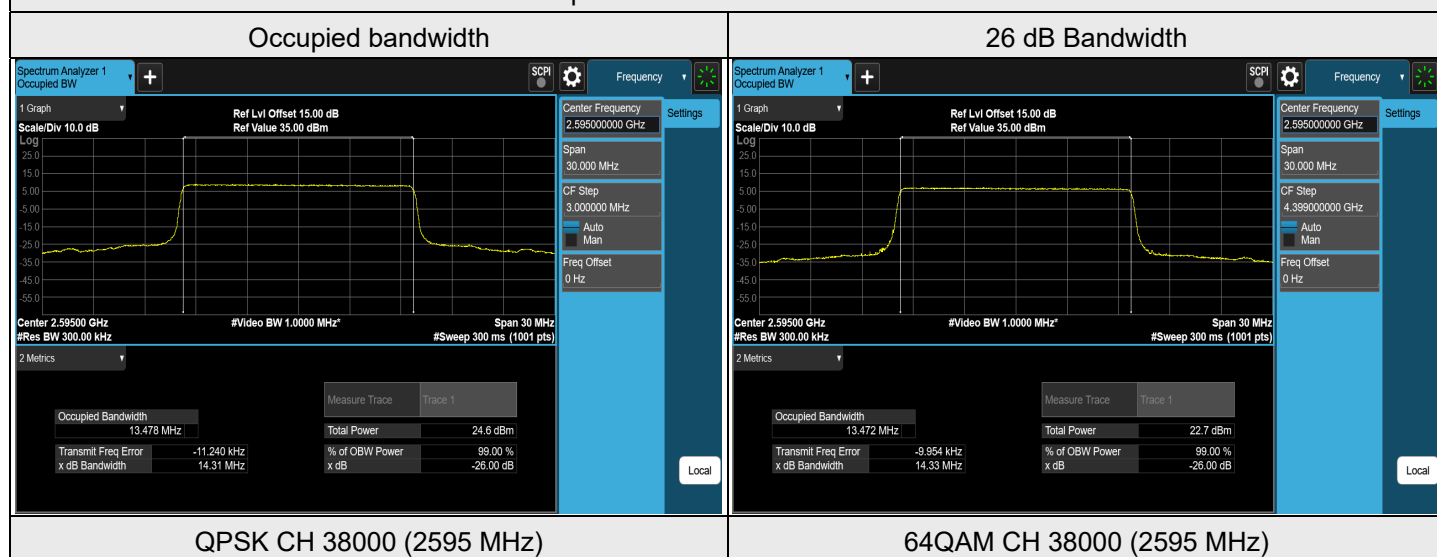
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37800	2575	8.9770	9.580
QPSK	38000	2595	8.9782	9.558
QPSK	38200	2615	8.9902	9.617
16QAM	37800	2575	8.9698	9.549
16QAM	38000	2595	8.9798	9.578
16QAM	38200	2615	8.9821	9.621
64QAM	37800	2575	8.9751	9.576
64QAM	38000	2595	8.9809	9.561
64QAM	38200	2615	8.9803	9.585
256QAM	37800	2575	8.9775	9.567
256QAM	38000	2595	8.9827	9.589
256QAM	38200	2615	8.9808	9.563



LTE Band 38, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37825	2577.5	13.471	14.28
QPSK	38000	2595	13.478	14.31
QPSK	38175	2612.5	13.476	14.33
16QAM	37825	2577.5	13.468	14.29
16QAM	38000	2595	13.472	14.32
16QAM	38175	2612.5	13.467	14.31
64QAM	37825	2577.5	13.464	14.29
64QAM	38000	2595	13.472	14.33
64QAM	38175	2612.5	13.465	14.25
256QAM	37825	2577.5	13.473	14.30
256QAM	38000	2595	13.464	14.24
256QAM	38175	2612.5	13.473	14.27

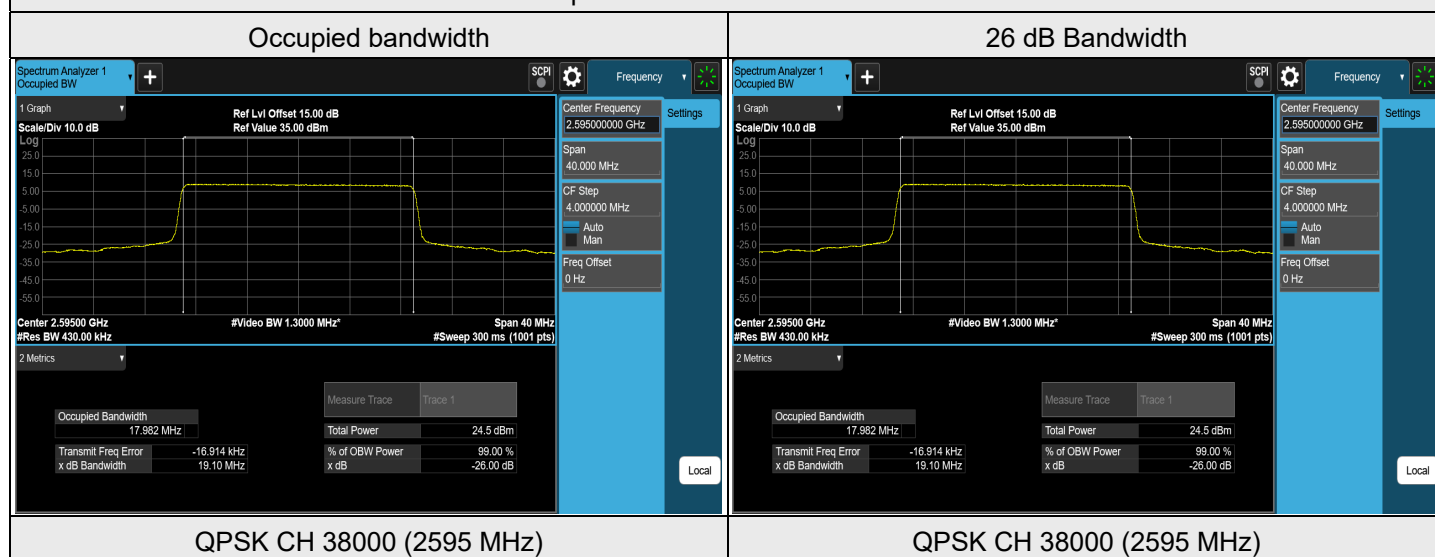
Spectrum Plot of Worst Value



LTE Band 38, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	37850	2580	17.961	19.09
QPSK	38000	2595	17.982	19.10
QPSK	38150	2610	17.963	19.07
16QAM	37850	2580	17.958	19.07
16QAM	38000	2595	17.974	19.08
16QAM	38150	2610	17.972	19.10
64QAM	37850	2580	17.970	19.09
64QAM	38000	2595	17.971	19.06
64QAM	38150	2610	17.959	19.06
256QAM	37850	2580	17.964	19.06
256QAM	38000	2595	17.948	19.03
256QAM	38150	2610	17.973	19.06

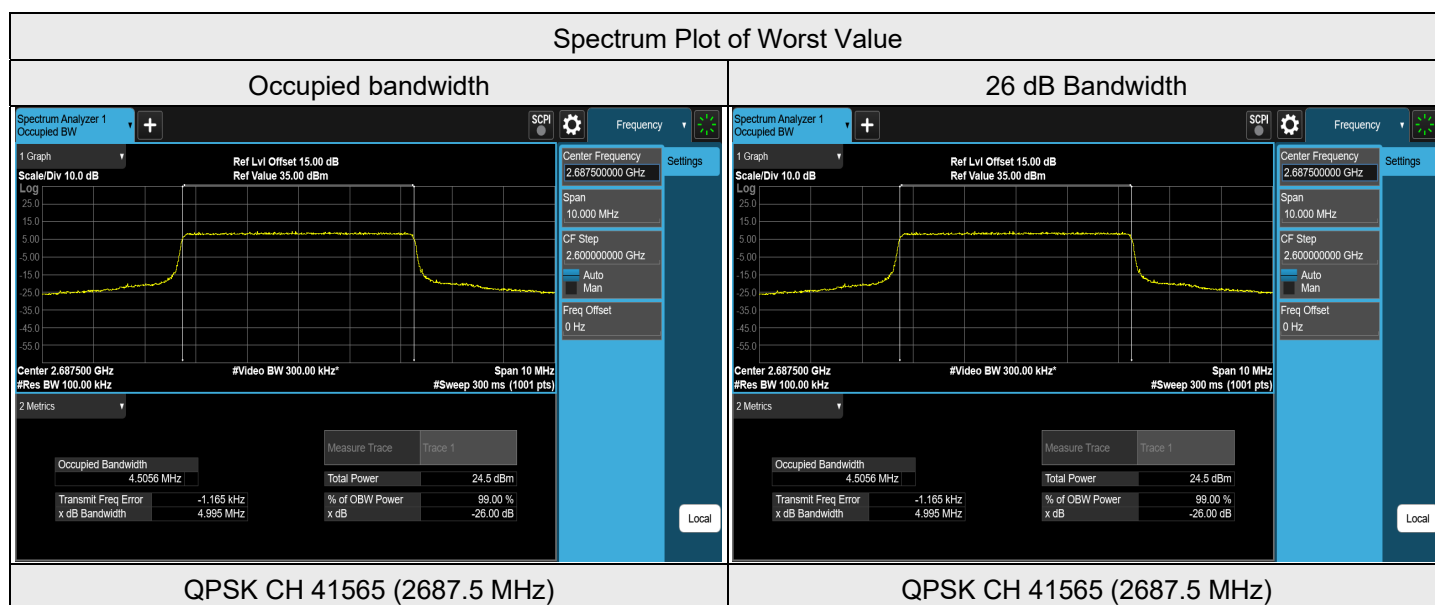
Spectrum Plot of Worst Value



7.4.11 LTE Band 41

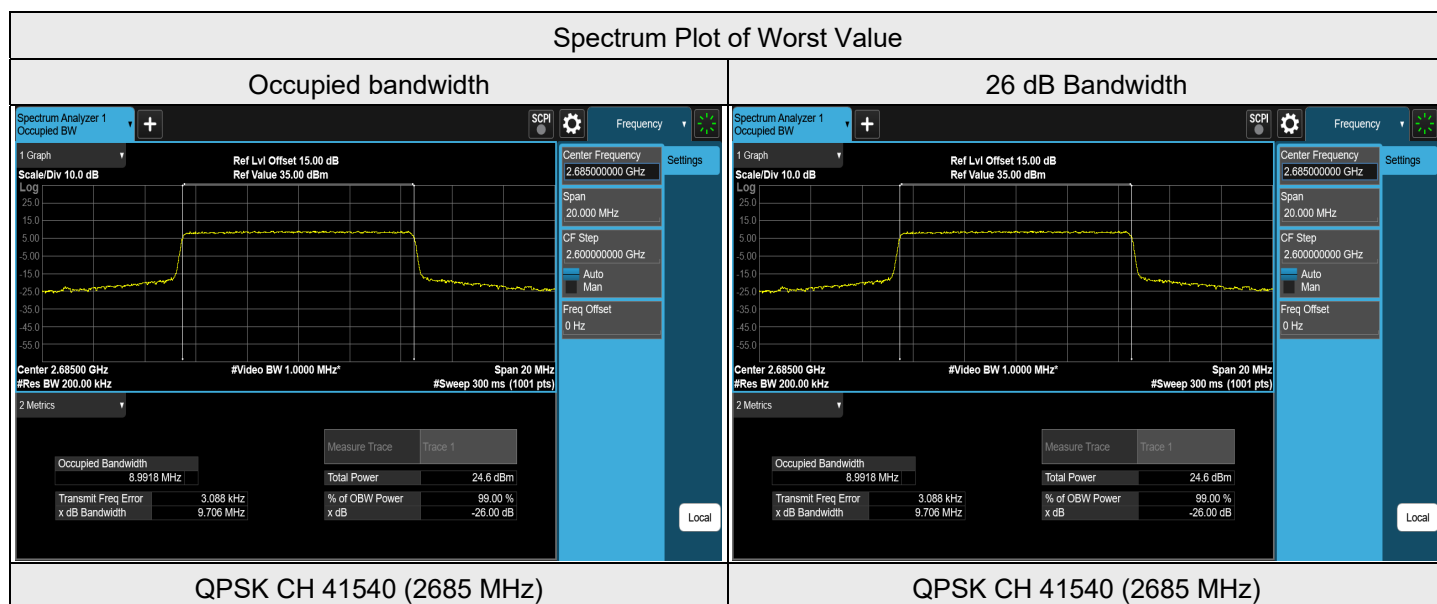
LTE Band 41, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39675	2498.5	4.4947	4.898
QPSK	40620	2593	4.5012	4.910
QPSK	41565	2687.5	4.5056	4.995
16QAM	39675	2498.5	4.4976	4.933
16QAM	40620	2593	4.4980	4.909
16QAM	41565	2687.5	4.5020	4.949
64QAM	39675	2498.5	4.4888	4.866
64QAM	40620	2593	4.4922	4.862
64QAM	41565	2687.5	4.4992	4.892
256QAM	39675	2498.5	4.4977	4.858
256QAM	40620	2593	4.5000	4.886
256QAM	41565	2687.5	4.4906	4.874



LTE Band 41, Channel Bandwidth: 10 MHz

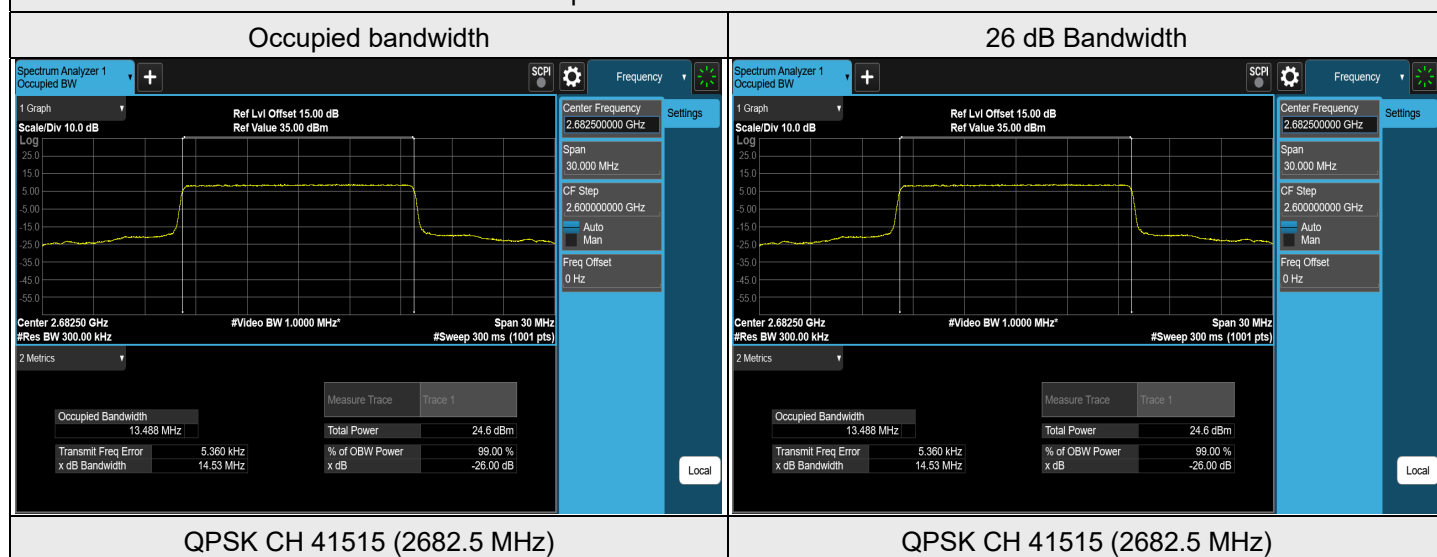
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39700	2501	8.9832	9.609
QPSK	40620	2593	8.9807	9.584
QPSK	41540	2685	8.9918	9.706
16QAM	39700	2501	8.9775	9.602
16QAM	40620	2593	8.9735	9.572
16QAM	41540	2685	8.9887	9.632
64QAM	39700	2501	8.9723	9.596
64QAM	40620	2593	8.9876	9.569
64QAM	41540	2685	8.9858	9.631
256QAM	39700	2501	8.9753	9.555
256QAM	40620	2593	8.9759	9.570
256QAM	41540	2685	8.9756	9.564



LTE Band 41, Channel Bandwidth: 15 MHz

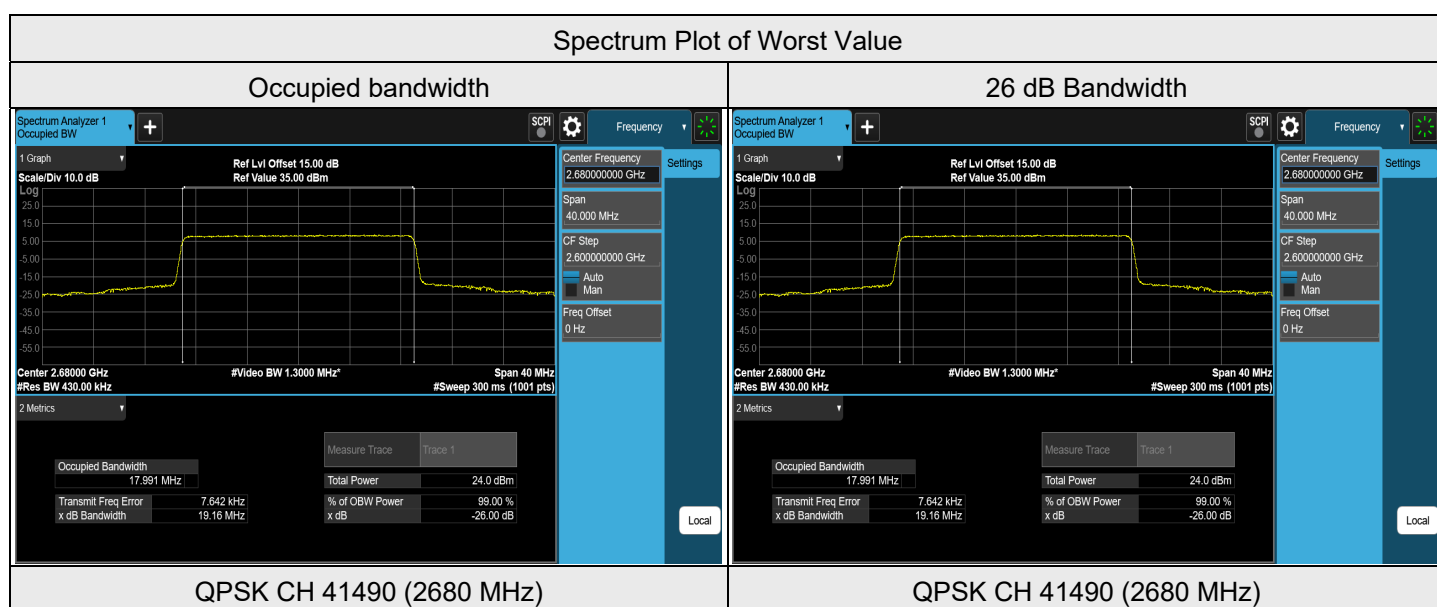
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39725	2503.5	13.467	14.31
QPSK	40620	2593	13.471	14.28
QPSK	41515	2682.5	13.488	14.53
16QAM	39725	2503.5	13.446	14.26
16QAM	40620	2593	13.469	14.28
16QAM	41515	2682.5	13.487	14.36
64QAM	39725	2503.5	13.468	14.29
64QAM	40620	2593	13.469	14.29
64QAM	41515	2682.5	13.481	14.31
256QAM	39725	2503.5	13.462	14.27
256QAM	40620	2593	13.460	14.26
256QAM	41515	2682.5	13.474	14.29

Spectrum Plot of Worst Value



LTE Band 41, Channel Bandwidth: 20 MHz

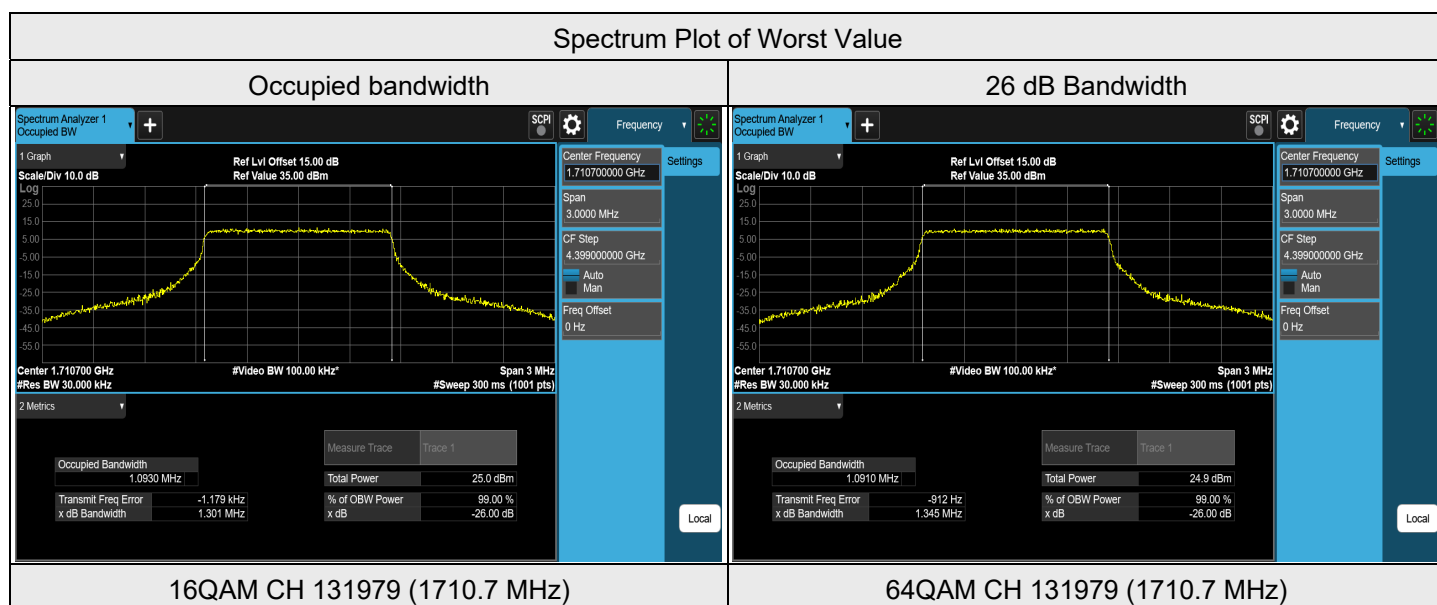
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	39750	2506	17.965	19.08
QPSK	40620	2593	17.962	19.06
QPSK	41490	2680	17.991	19.16
16QAM	39750	2506	17.963	19.11
16QAM	40620	2593	17.972	19.08
16QAM	41490	2680	17.974	19.14
64QAM	39750	2506	17.949	19.03
64QAM	40620	2593	17.966	19.07
64QAM	41490	2680	17.976	19.13
256QAM	39750	2506	17.962	19.05
256QAM	40620	2593	17.955	19.06
256QAM	41490	2680	17.971	19.10



7.4.12 LTE Band 66

LTE Band 66, Channel Bandwidth: 1.4 MHz

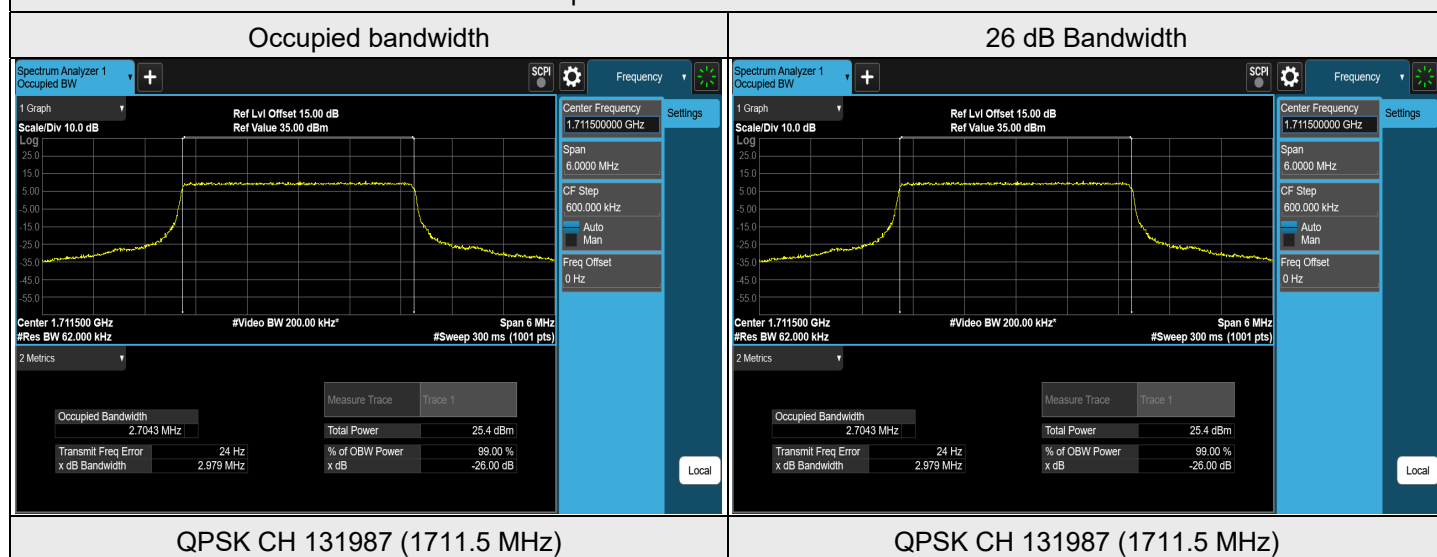
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131979	1710.7	1.0892	1.305
QPSK	132322	1745	1.0903	1.311
QPSK	132665	1779.3	1.0919	1.328
16QAM	131979	1710.7	1.0930	1.301
16QAM	132322	1745	1.0910	1.309
16QAM	132665	1779.3	1.0925	1.319
64QAM	131979	1710.7	1.0910	1.345
64QAM	132322	1745	1.0920	1.306
64QAM	132665	1779.3	1.0913	1.310
256QAM	131979	1710.7	1.0908	1.287
256QAM	132322	1745	1.0890	1.313
256QAM	132665	1779.3	1.0892	1.309



LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131987	1711.5	2.7043	2.979
QPSK	132322	1745	2.6988	2.951
QPSK	132657	1778.5	2.7009	2.955
16QAM	131987	1711.5	2.7009	2.938
16QAM	132322	1745	2.7038	2.941
16QAM	132657	1778.5	2.7037	2.941
64QAM	131987	1711.5	2.7004	2.949
64QAM	132322	1745	2.6992	2.969
64QAM	132657	1778.5	2.7014	2.947
256QAM	131987	1711.5	2.7013	2.957
256QAM	132322	1745	2.7013	2.959
256QAM	132657	1778.5	2.7016	2.955

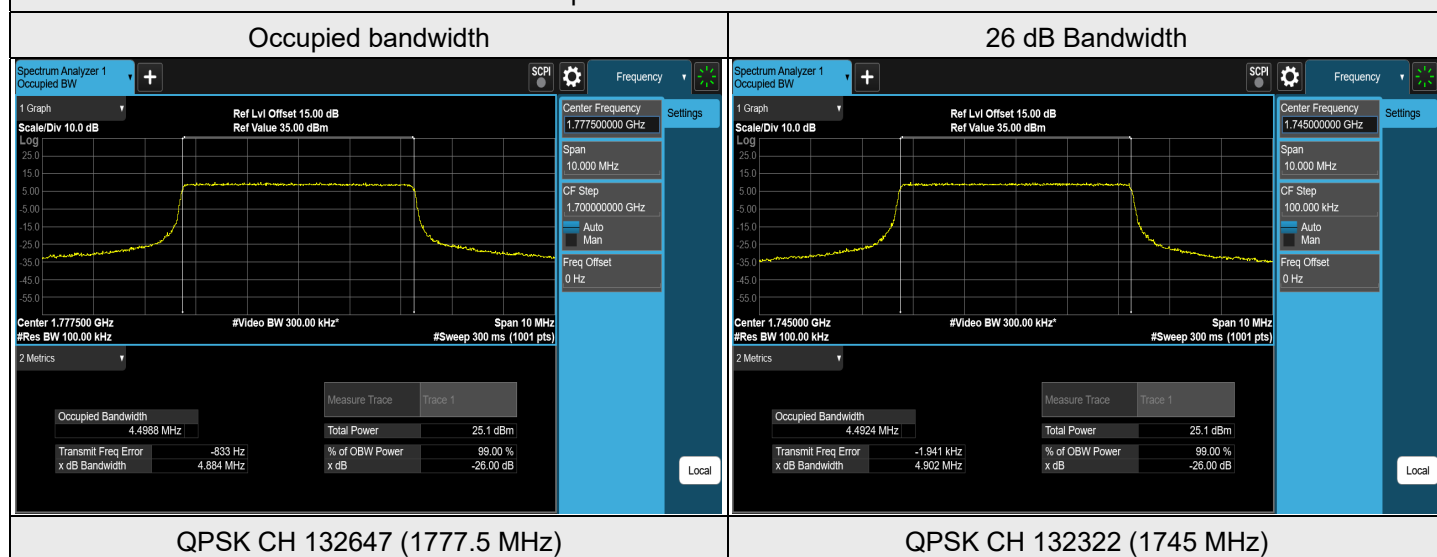
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131997	1712.5	4.4959	4.869
QPSK	132322	1745	4.4924	4.902
QPSK	132647	1777.5	4.4988	4.884
16QAM	131997	1712.5	4.4954	4.865
16QAM	132322	1745	4.4979	4.888
16QAM	132647	1777.5	4.4941	4.888
64QAM	131997	1712.5	4.4928	4.872
64QAM	132322	1745	4.4915	4.895
64QAM	132647	1777.5	4.4953	4.868
256QAM	131997	1712.5	4.4937	4.878
256QAM	132322	1745	4.4900	4.880
256QAM	132647	1777.5	4.4925	4.881

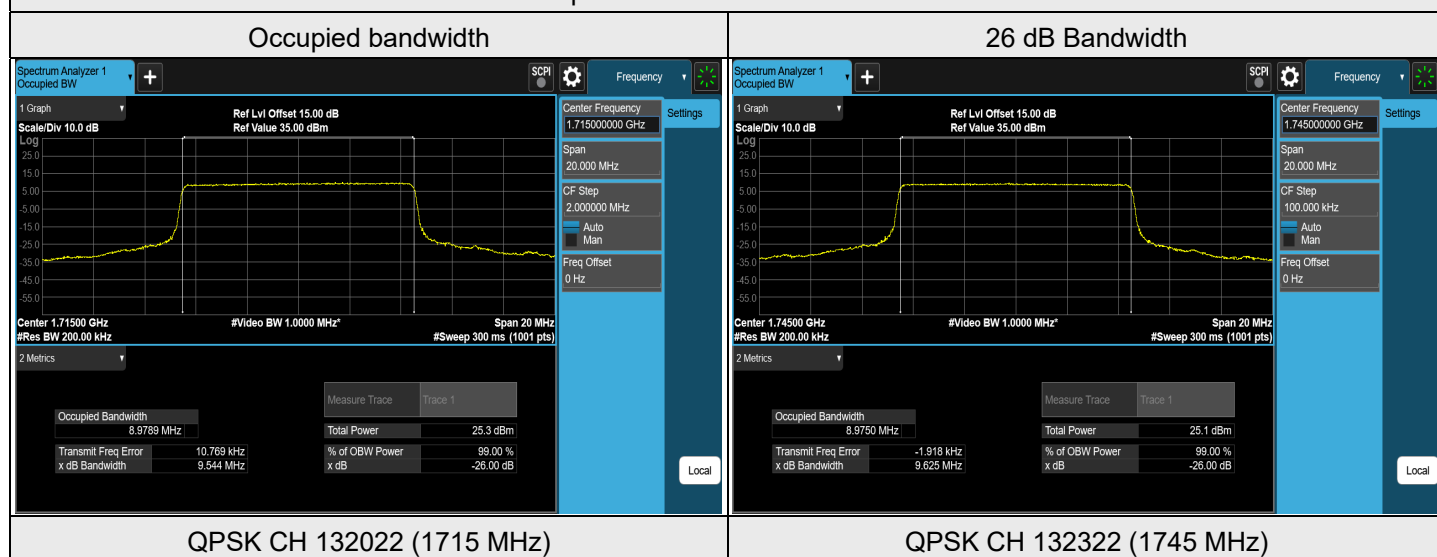
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132022	1715	8.9789	9.544
QPSK	132322	1745	8.9750	9.625
QPSK	132622	1775	8.9741	9.584
16QAM	132022	1715	8.9758	9.537
16QAM	132322	1745	8.9776	9.570
16QAM	132622	1775	8.9736	9.561
64QAM	132022	1715	8.9764	9.539
64QAM	132322	1745	8.9757	9.567
64QAM	132622	1775	8.9773	9.537
256QAM	132022	1715	8.9770	9.569
256QAM	132322	1745	8.9739	9.542
256QAM	132622	1775	8.9779	9.511

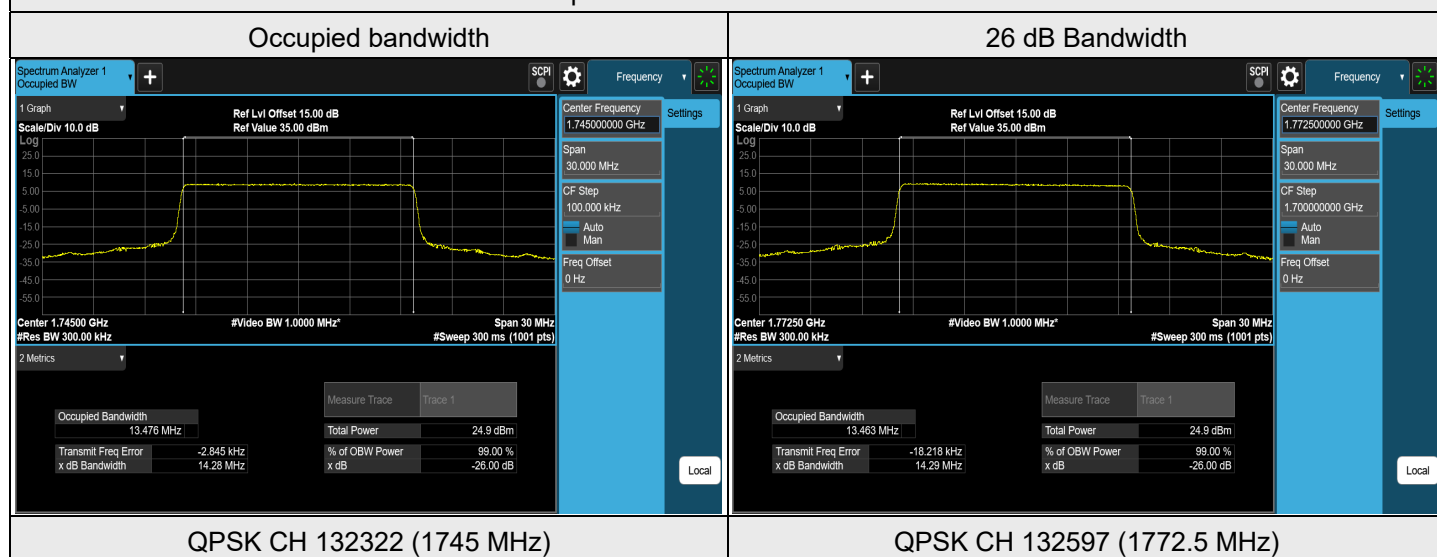
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132047	1717.5	13.461	14.28
QPSK	132322	1745	13.476	14.28
QPSK	132597	1772.5	13.463	14.29
16QAM	132047	1717.5	13.463	14.26
16QAM	132322	1745	13.472	14.29
16QAM	132597	1772.5	13.459	14.28
64QAM	132047	1717.5	13.459	14.25
64QAM	132322	1745	13.465	14.27
64QAM	132597	1772.5	13.455	14.27
256QAM	132047	1717.5	13.472	14.25
256QAM	132322	1745	13.463	14.26
256QAM	132597	1772.5	13.456	14.24

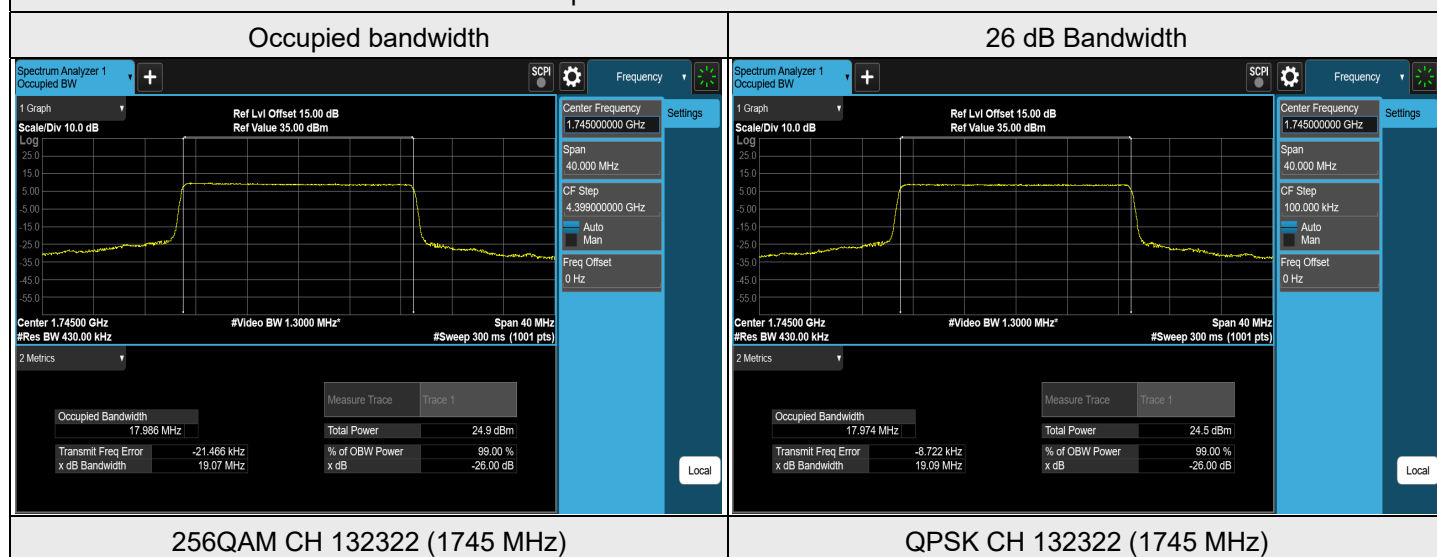
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	17.948	19.06
QPSK	132322	1745	17.974	19.09
QPSK	132572	1770	17.960	19.06
16QAM	132072	1720	17.952	19.04
16QAM	132322	1745	17.974	19.07
16QAM	132572	1770	17.955	19.05
64QAM	132072	1720	17.951	19.03
64QAM	132322	1745	17.975	19.04
64QAM	132572	1770	17.947	19.03
256QAM	132072	1720	17.953	19.04
256QAM	132322	1745	17.986	19.07
256QAM	132572	1770	17.931	19.05

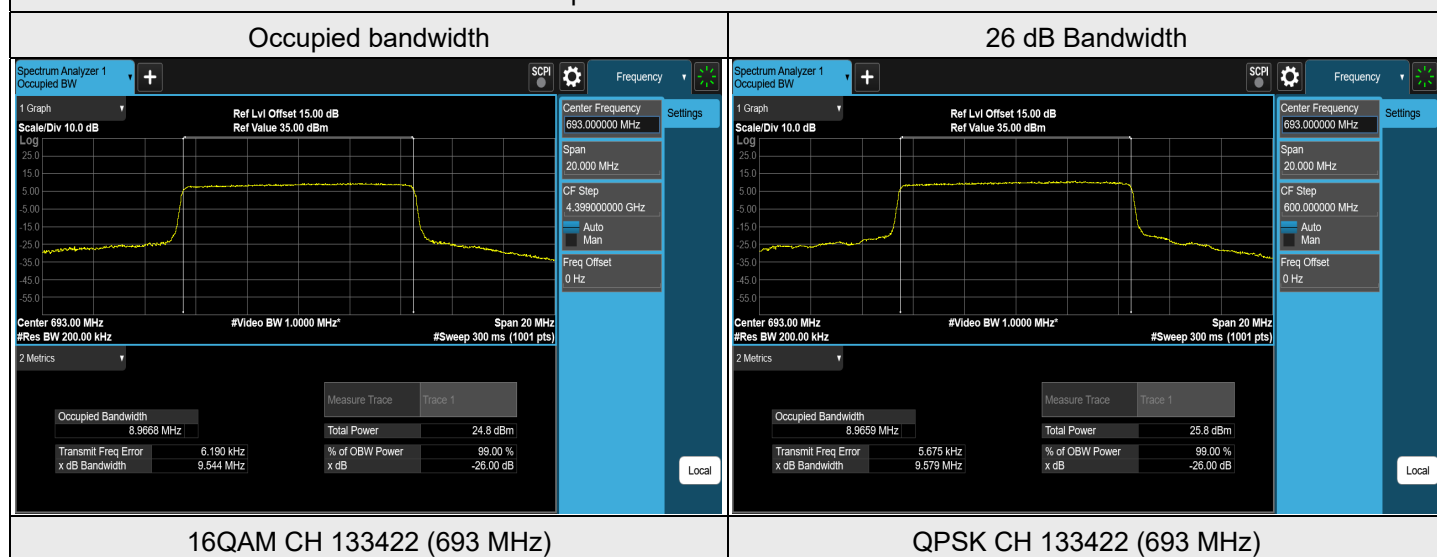
Spectrum Plot of Worst Value



LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133172	668	8.9521	9.540
QPSK	133297	680.5	8.9513	9.520
QPSK	133422	693	8.9659	9.579
16QAM	133172	668	8.9506	9.535
16QAM	133297	680.5	8.9467	9.527
16QAM	133422	693	8.9668	9.544
64QAM	133172	668	8.9486	9.517
64QAM	133297	680.5	8.9457	9.512
64QAM	133422	693	8.9549	9.525
256QAM	133172	668	8.9506	9.507
256QAM	133297	680.5	8.9456	9.517
256QAM	133422	693	8.9631	9.527

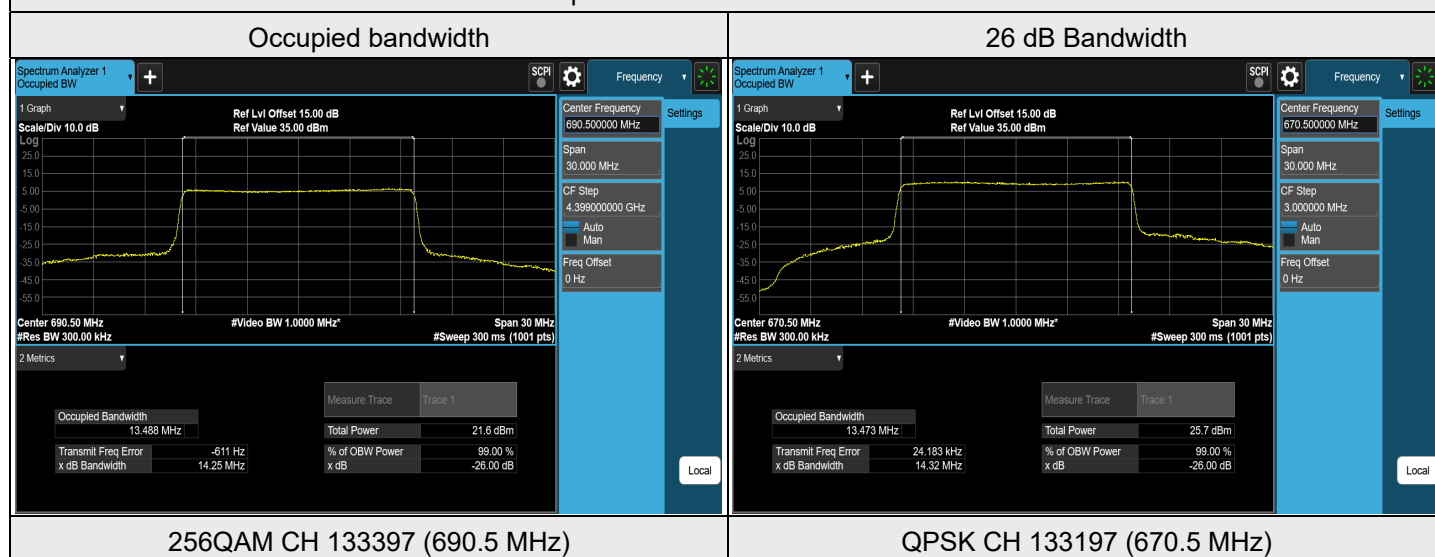
Spectrum Plot of Worst Value



LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133197	670.5	13.473	14.32
QPSK	133297	680.5	13.400	14.21
QPSK	133397	690.5	13.483	14.31
16QAM	133197	670.5	13.472	14.31
16QAM	133297	680.5	13.393	14.24
16QAM	133397	690.5	13.481	14.31
64QAM	133197	670.5	13.468	14.26
64QAM	133297	680.5	13.395	14.20
64QAM	133397	690.5	13.482	14.27
256QAM	133197	670.5	13.460	14.26
256QAM	133297	680.5	13.393	14.21
256QAM	133397	690.5	13.488	14.26

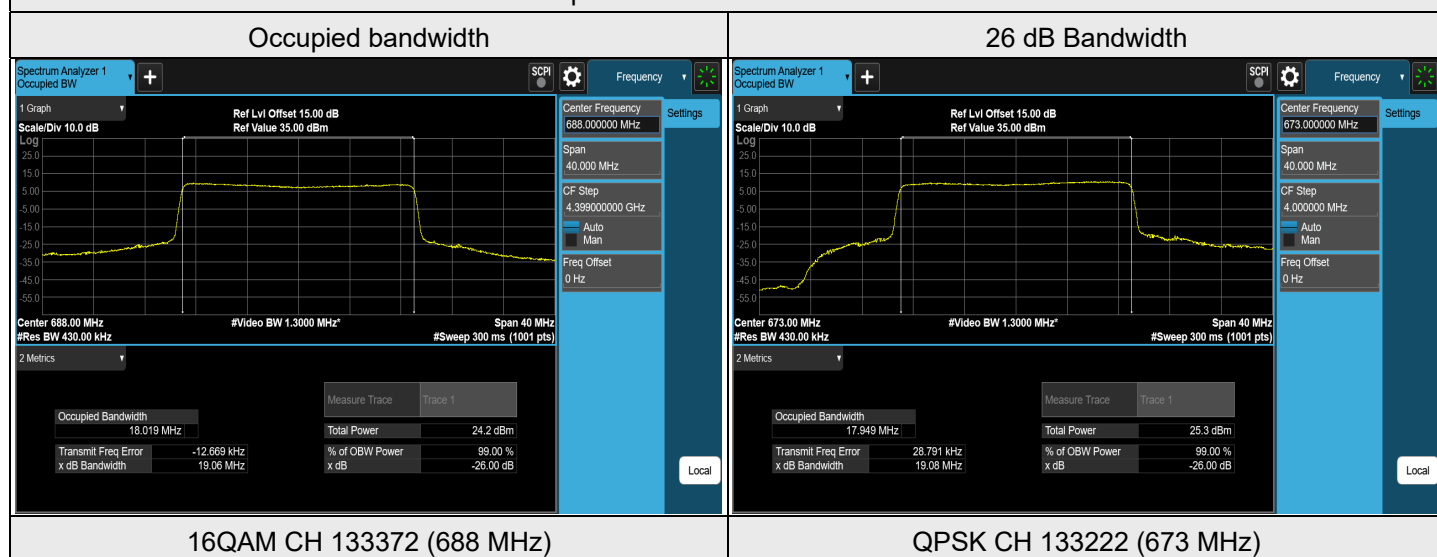
Spectrum Plot of Worst Value



LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133222	673	17.949	19.08
QPSK	133297	680.5	17.877	19.00
QPSK	133372	688	18.016	19.07
16QAM	133222	673	17.953	19.05
16QAM	133297	680.5	17.882	18.99
16QAM	133372	688	18.019	19.06
64QAM	133222	673	17.946	19.01
64QAM	133297	680.5	17.871	18.98
64QAM	133372	688	18.006	19.06
256QAM	133222	673	17.947	19.03
256QAM	133297	680.5	17.870	18.97
256QAM	133372	688	18.016	19.06

Spectrum Plot of Worst Value

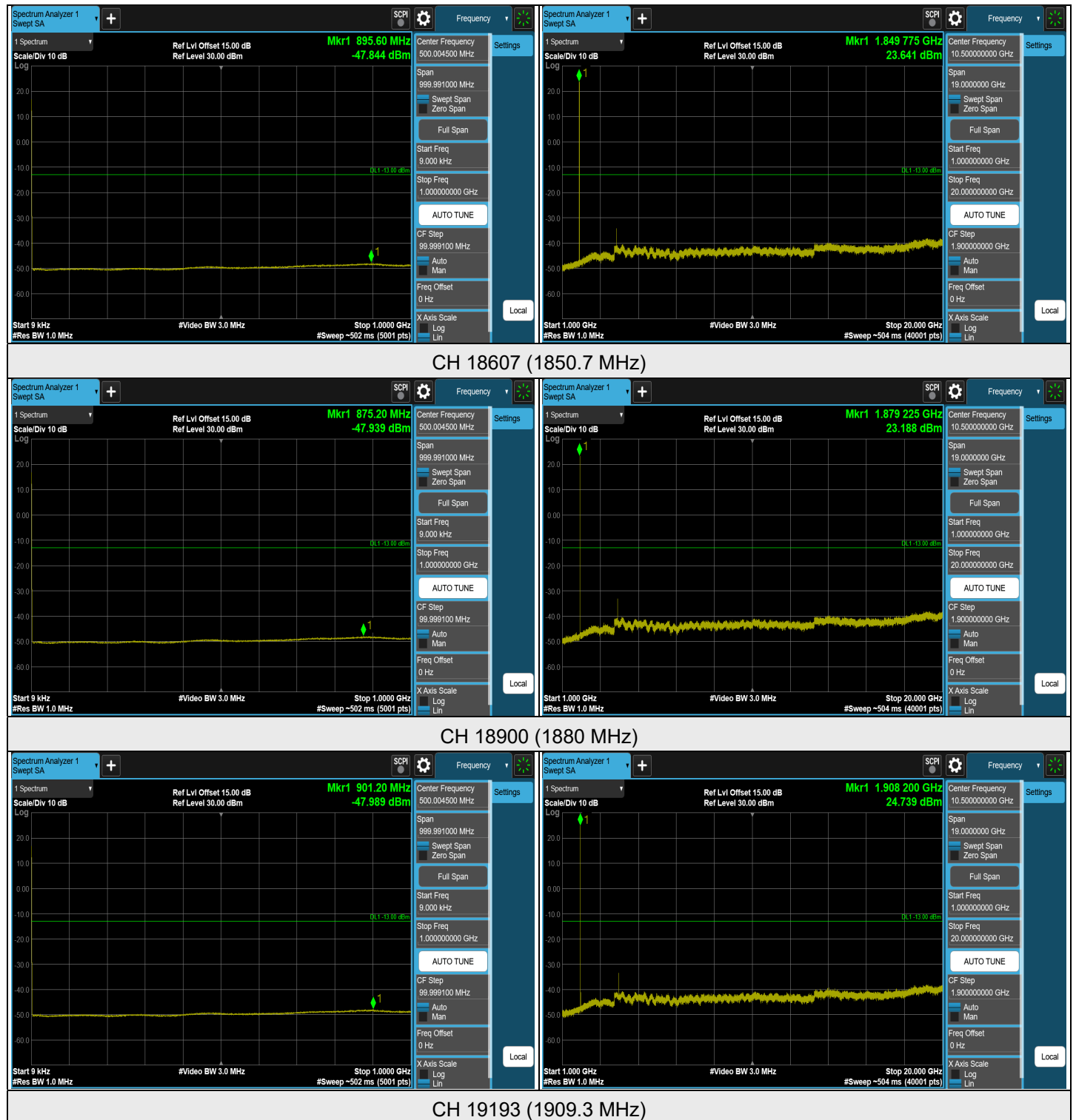


7.5 Conducted Spurious Emissions

Input Power:	3.85 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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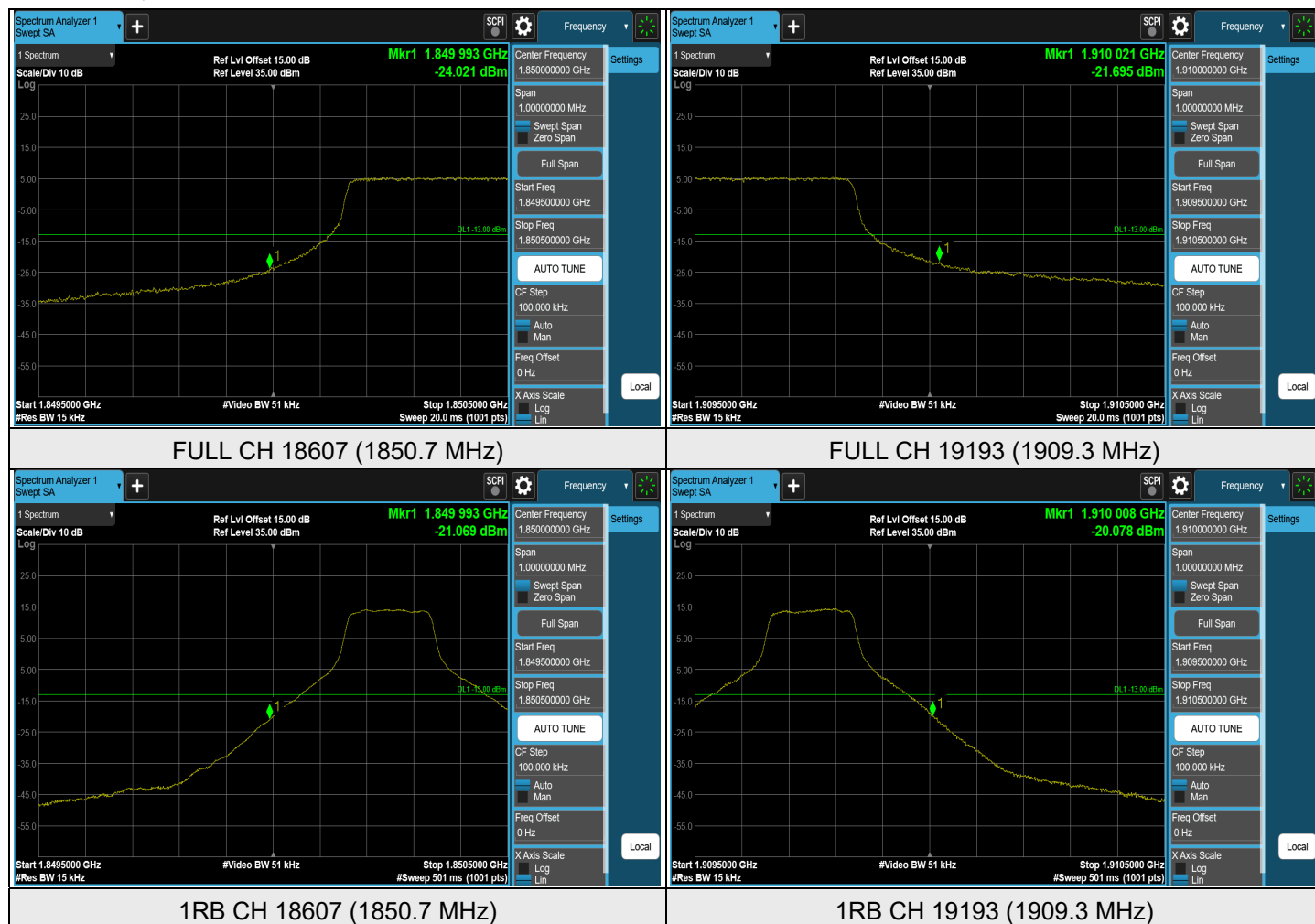
7.5.1 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

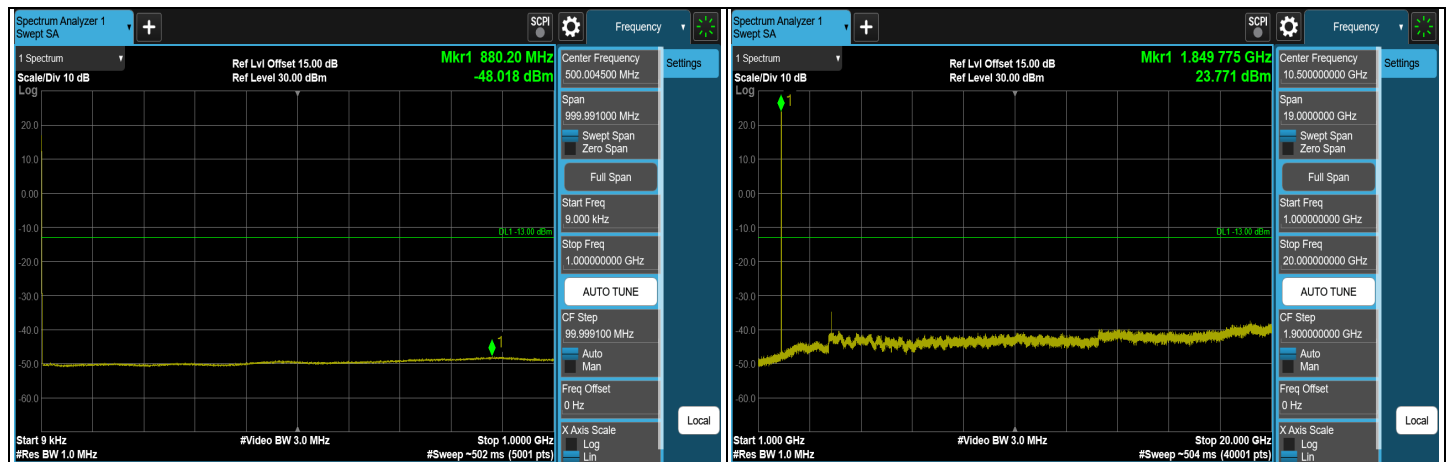


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

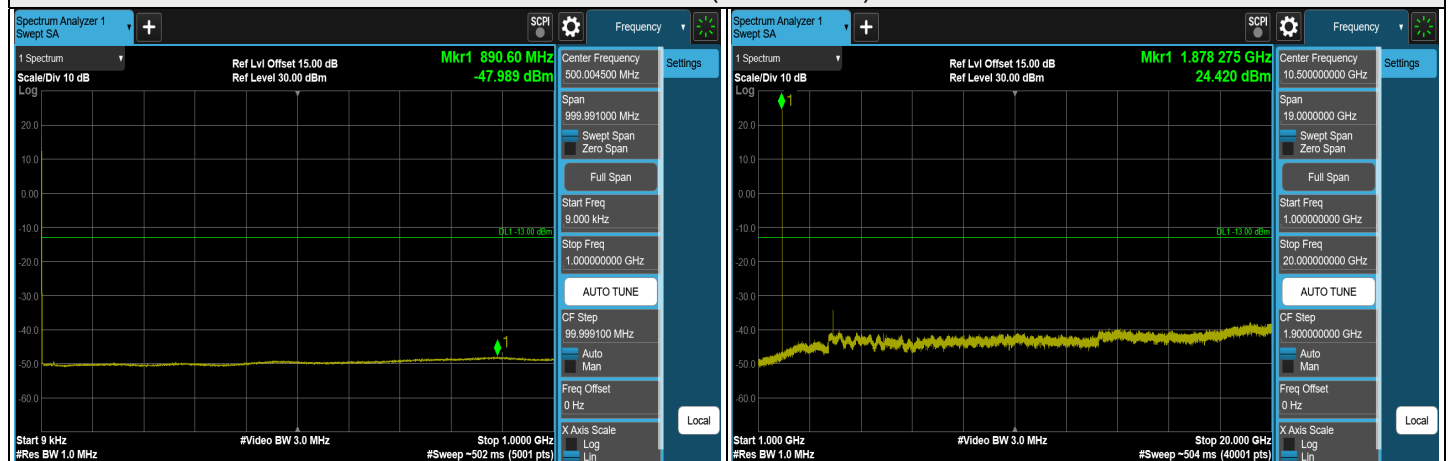
LTE Band 2, Channel Bandwidth: 1.4 MHz



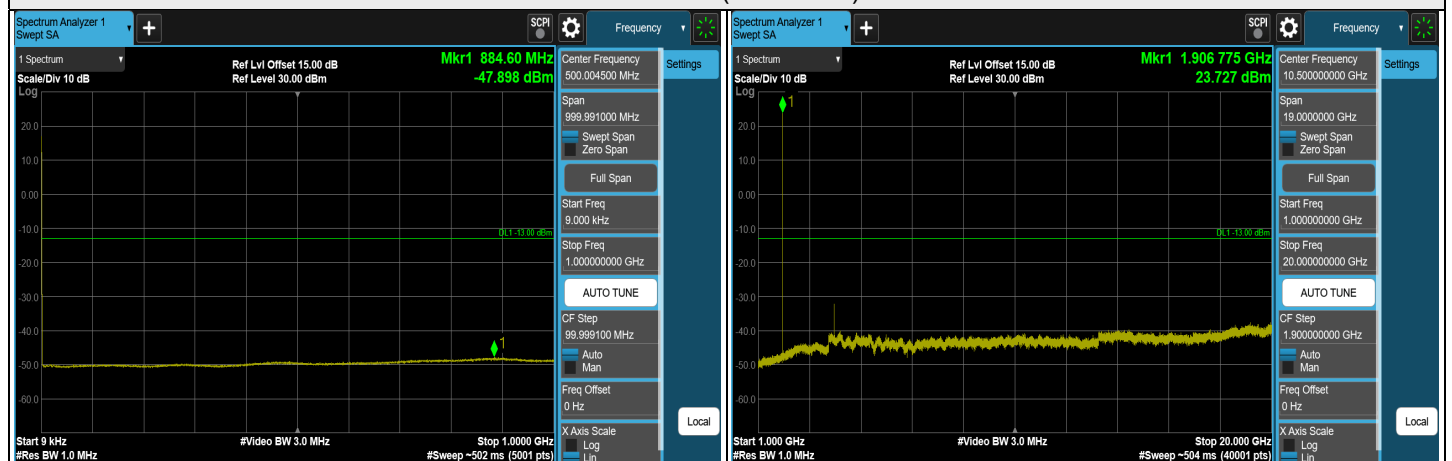
LTE Band 2, Channel Bandwidth: 3 MHz



CH 18615 (1851.5 MHz)



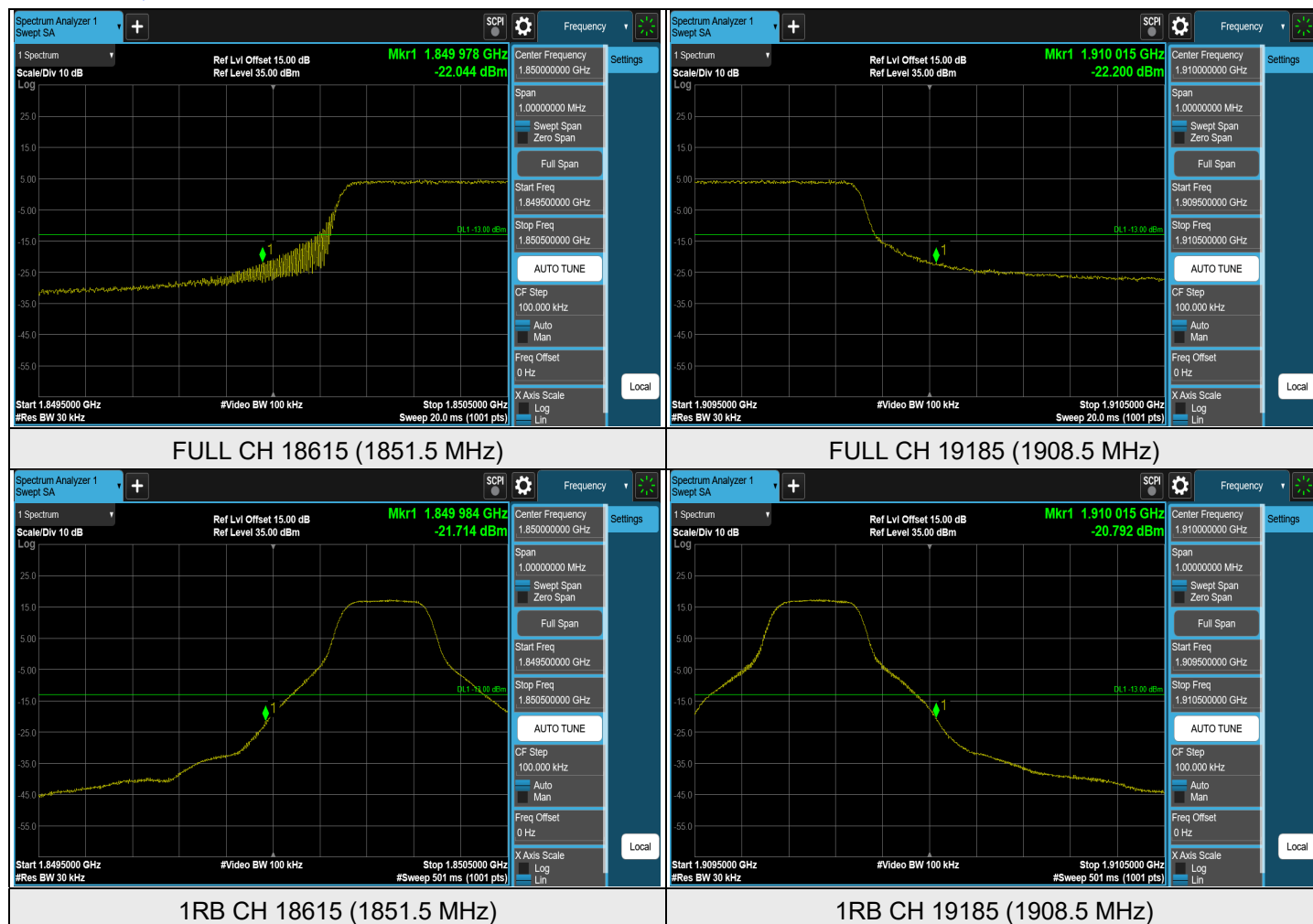
CH 18900 (1880 MHz)



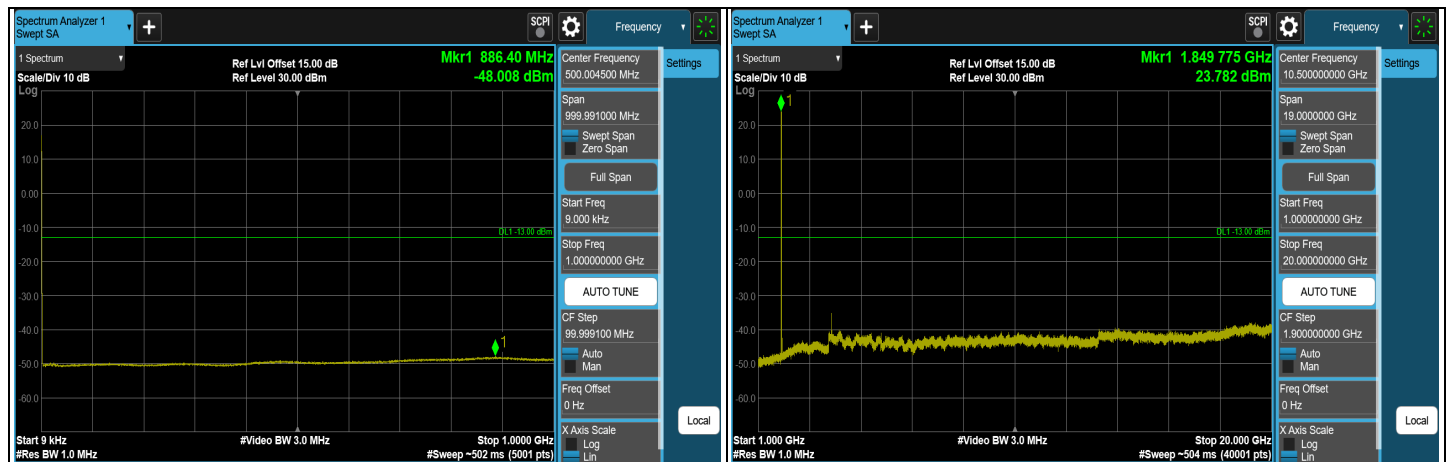
CH 19185 (1908.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

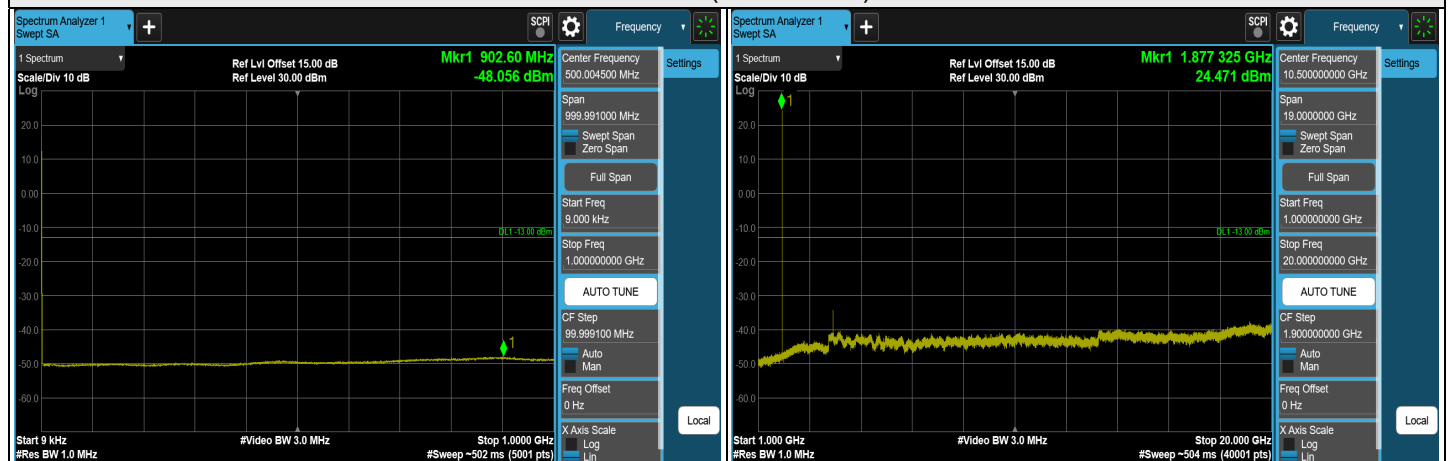
LTE Band 2, Channel Bandwidth: 3 MHz



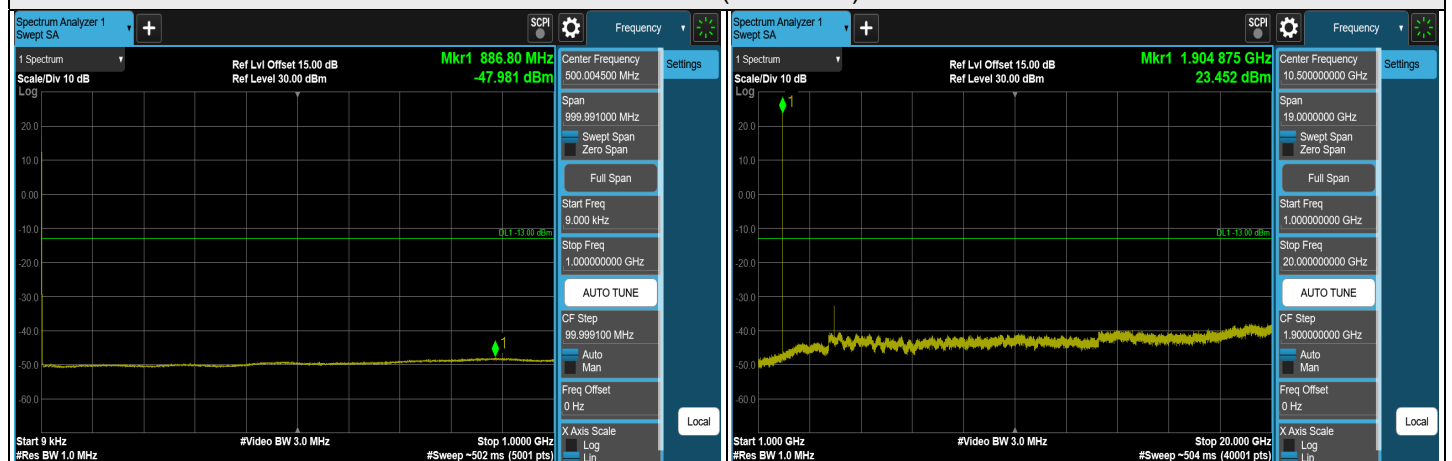
LTE Band 2, Channel Bandwidth: 5 MHz



CH 18625 (1852.5 MHz)



CH 18900 (1880 MHz)



CH 19175 (1907.5 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 2, Channel Bandwidth: 5 MHz

